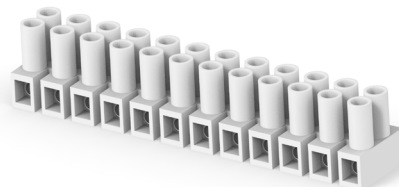
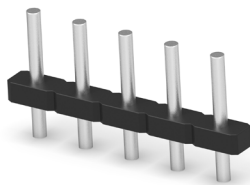
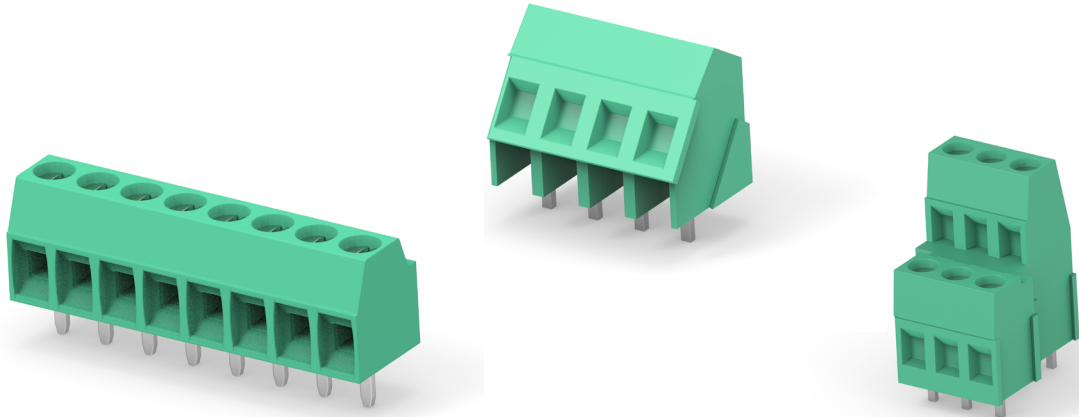


BUCHANAN TERMINAL BLOCK PCB MOUNT CONNECTORS

Eurostyle Terminal Blocks | Barrier Strips | Europa Terminal Blocks



BUCHANAN TERMINAL BLOCKS

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BUCHANAN TERMINAL BLOCKS

INDEX - ONE-PIECE TERMINAL BLOCKS

PCB MOUNT, ONE-PIECE TERMINAL BLOCKS

Pitch (mm)	TE Series			Voltage Max. (VAC)	Current (A)	Operating Temperature. (°C)	Wire Size (AWG)	
	180°	90°	35°					
2.54	282834			150	10	-40 - 110	16-30	
3.5	1546551			300	12	-40 - 110	16-28	
	284391	284414			12	-40 - 110	14-30	
3.81	284392	284415			13.5	-40 - 110	16-30	
5	282836	284093	796690		17.5		12-30	
	796683				24			
	282856	282862						
5.08	282835				10	-40 - 110	16-30	
	282837	284094			13.5			
		282851	282847				17.5	12-30
	282857						20	
7.5	282844	282854		17.5	-40 - 105	12-30		
7.62	282845			17.5	-40 - 110	12-30		
	282861			20				
10	282838	282842		10	-40 - 110	16-30		
	282852			15		12-30		
	282858			24				
10.16	282839			13.5	-40 - 110	16-30		
	282843			17.5		12-30		

Note: Color Green , Wave soldering

Pitch (mm)	TE Series		Voltage Max. (VAC)	Current (A)	Operating Temperature. (°C)	Wire Size (AWG)
	270°					
5	284410		300	17.5	-40 - 110	12-30

HIGH CURRENT PCB MOUNT ONE-PIECE TERMINAL BLOCKS

Pitch (mm)	TE series		Color	Voltage Max. VAC	Current (A)	Operating Temperature. °C	Wire Size (AWG)
	180°	35°					
6.35	796740		Green	300	30	-40 - 110	10-30
9.52	796739			600			
		796741					

BUCHANAN TERMINAL BLOCKS

PCB MOUNT MULTI-LEVEL STACKING TERMINAL BLOCK

Pitch (mm)	Number of Levels	TE Series	Voltage Max. (VAC)	Current (A)	Operating Temperature. (°C)	Wire Size (AWG)
		180°				
5	Level -3	282884	300	13.5	-40 ~ 110	16-30
	Level - 1&2	282868				
	Level - 2	282880				
	Level - 1&2	282888				
	Level - 2	282900		17.5		12-30
5.08	Level - 1&2	282869	13.5			
	Level - 2& 3	282873				
	Level - 2	282901				
	Level - 3	282905	17.5	12-30		
	Level - 1&2	796692				
	Level - 1, 2&3	282897				
	Level - 1&2	282909			24	

PCB MOUNT, HIGH TEMPERATURE VERSION TERMINAL BLOCKS

Pitch (mm)	TE Series	Voltage Max. (VAC)	Current (A)	Operating Temperature. (°C)	Wire Size (AWG)
	180°				
3.5	1776112	300	12	-40 ~ 110	16-28
3.81	1776113	150			16-28
5	1776118	300	13.5		16-30
5.08	1776119				
	1776121 (90)				
10	1776112	600			

PCB TERMINAL BLOCK, SMD VERSION

Pitch (mm)	TE Series	Voltage Max. (VAC)	Current (A)	Operating Temperature. (°C)	Wire Size (AWG)
	180				
3.5	2383942	300	12	-40 ~ 105	16-28
3.81	2383945				16-28
5	2383938		13.5		16-30

BUCHANAN TERMINAL BLOCKS

INDEX - TWO-PIECE TERMINAL BLOCK CONNECTORS

TWO-PIECE TERMINAL BLOCK CONNECTORS

Pitch (mm)	TE Plug series	Mating TB Header		Mating TB Header (HT)		Voltage (V)	Current (A)	Operating Temperature. (°C)	Wire size (AWG)		
		180°	90°	180°	90°						
3.5	284506	284514	284512	1776130	1776134	300	11	-40 - 110	30 - 14		
	1986371	284515	284540		2342076						
	1986370										
	1986692										
	1986693										
	284510	284516	284539	1776132	1776136						
	1986723	1986799									
3.81	284507	284517	284513	1776131	1776135					-40 - 105	30 - 14
	284509	284518		2342078	2342077						
	1986374										
	1986375										
	1986919							-40 - 110			
	1986722										
3.81	284511	284519	284541	1776133				-40 - 105	30 - 14		
	1986820						10	-40 - 110			
	1986822										
5	796640	282822	282811	1776138			15	-40 - 105	30 - 12		
	282805	796642	282812	1776146	1776148						
	284040	1986525	284052	2342079	2342082						
	284046		796644	1776164	1776166						
	1986976						16	-40 - 110			
	1986978										
	1546557						12		24 - 12		
5	796858		796864				15		30 - 12		
5	1986909	1986925	1986931				11		30 - 14		
							12		24 - 12		
5.08	796634	282824	282814	1776147	1776038		15	-40 - 105	30 - 12		
	284047	282825	282815	2342084	2342083						
	282807	796636	284008	1776165	1776167						
	284041	2368814	796638								
	1986257	284065	284053								
	2368813		284061								
	1986262										
						12	-40 - 110	14 - 30			

BUCHANAN TERMINAL BLOCKS

TWO-PIECE (CONTINUED)

5.08	796859	796867	796866		1986766	300	15	-40 - 105	30 - 12
	796861	1986869					12		
	796863								
	1986830								
5.08	1986910	1986926	1986932	1776153		300	11	-40 - 110	30 - 12
7.5	282959	282964	282962			300	15	-40 - 105	30 - 12
	284042								
	284048								
7.62	796981				1776155	300	15	-40 - 110	30 - 12
	284043		282966						
	284049								
10	282808	282826 282827	282816 282817			600	15		30 - 12
10.16	282809 284051		282818			600	15		30 - 12

Note : Color : Green for Wave soldering , Black/ High Temperature Version (HT) for Reflow soldering

TWO-PIECE SPECIAL PLUG CONNECTORS

Pitch (mm)	TE Plug series	Mating TB Header	Mating TB Header(HT)	Color	Voltage (V)	Current (A)	Operating Temperature. (°C)	Wire size (AWG)
		180	180					
5	1546173 282830 1986835	282832	1546931	Green	300	12	-40 - 110	14-30

BUCHANAN TERMINAL BLOCKS

TWO-PIECE PUSH-IN TERMINAL BLOCK

Pitch (mm)	TE Plug Series	TE Mating TB Header [Vertical (180)/Horizontal (90)]	Housing/Color	Voltage Max. (VAC)	Current (A)	Operating Temperature (°C)	Wire size (AWG) (Sol/Str)
3.5	2842474*	2842476*	Green	150	8A	-40° to 115°C	16-24
		2842478*					
	2842480*	2842482*		150			16-24
		2842484*					
	2842487*	2842489* (HT)	Black	300			16-24
		2842491* (HT)		150			
2842493*	2842495*(HT)	300		16-24			
	2842499*				2842497*(HT)	150	16-24
3.81	2842500*	2842502*	Green	300	-40° to 115°C	16-28	
		2842504*					
	2842506*	2842508*		300		16-28	
		2842510*					
2.5	2842528*	2842529*	150	4A	20-28		
		2842530*					
5	2842543*	2842546*	300	15A	24-14		
		2842547*					
5.08	2842514*	2842516*	300	10A	24-14		
		2842518*					
5.08	2842520*	2842522*	300	10A	24-14		

BUCHANAN TERMINAL BLOCKS

WIRE TERMINATION TECHNOLOGY FOR PCB TERMINAL BLOCKS



Leg Spring

Intended for use in more rugged applications such as instrumentation, industrial controls, data acquisition, security & alarm, and HVAC products. Provides for faster wire termination than screw versions.



Insulation Displacement

Intended for use in industrial communications and control applications such as analog or serial communications using 22-24 awg wire. Pivot block plug mates with 3.5mm horizontal and vertical terminal block headers.



Crimp Style

A terminal block plug that utilizes an insertable crimp snap contact for wire termination. This plug will mate to standard headers on 5.08mm. Intended for use in higher volume applications. Used in conjunction with junior power timer contacts.



Rising Cage

Intended for use in more rugged applications, such as industrial controls, data acquisition and communications products, where multiple wire terminations are required. Available in one piece and two piece configurations.



Wire Protector Version

Recommended for low cost commercial applications. Intended for use in lighter duty or commercial applications such as security and alarm systems or HVAC controls. Prevents the screw from damaging the wire!

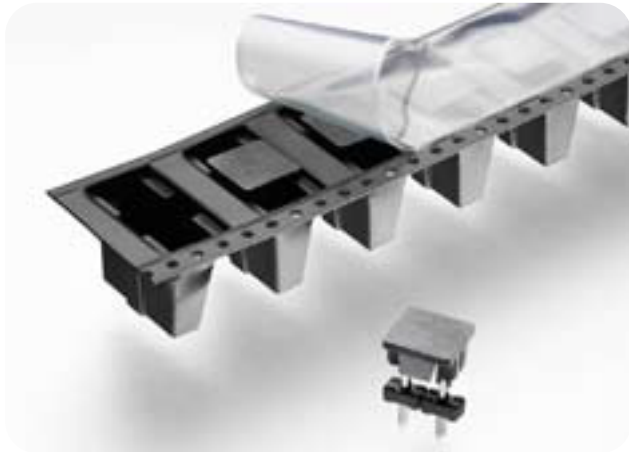


Front Style Screw Clamp

The key feature of this style of terminal block plug is that the wire entry cavity and the activating screw head are on the same plane which is parallel to the plug in direction. This will mate with vertical and right angle headers.

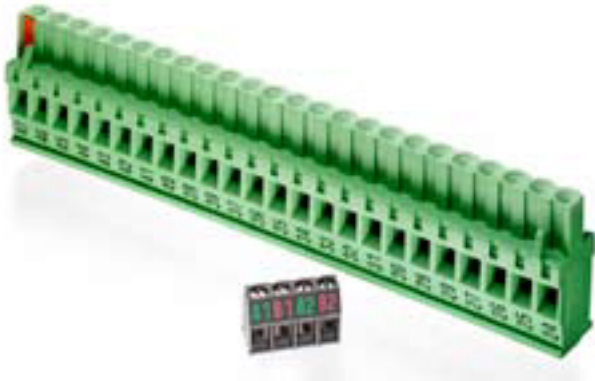
BUCHANAN TERMINAL BLOCKS

OPTIONS FOR YOUR CONNECTIONS



Packaging Options

TE uses tape-on-reel packaging. This packaging makes it possible for customers to use automated pick and place equipment. Tape on reel may be used with high temp products designed for through-hole reflow (THR) applications. Contact your TE terminal blocks team for specific details on other packaging options such as tubes and trays.



Printing Options

Printing is a very common request that gives an end user the ability to identify circuits. The printing is permanent and is typically done in either black or white.

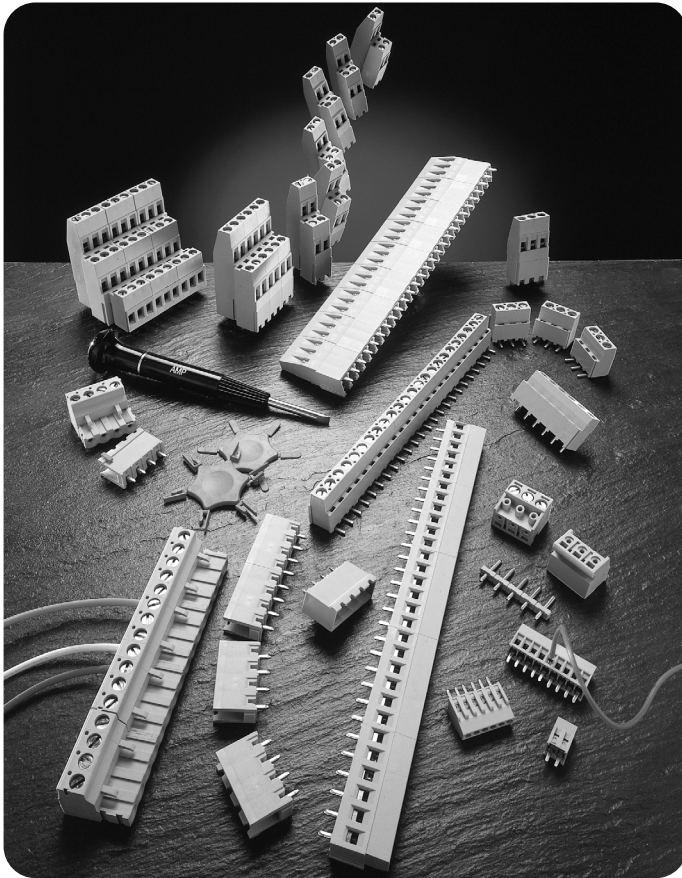


Color Options

With Euro Style terminal blocks, you have the option of choosing the color of your product. This may benefit you by helping with organization and identification of your pieces. Many color options are available and will generally have only a minimal effect on lead times and minimum order quantities.

BUCHANAN TERMINAL BLOCKS

STACKING SCREW CLAMP CONNECTORS



PRODUCT FACTS

- Certified by the VDE Testing and Certification Institute
- VDE File No. 6917 (Two-Piece Version) VDE File No. 6920 (One-Piece Version)
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E60677
- Certified by Canadian Standards Association, File No. 703157
- Produced under Quality Management System certified to ISO 9001

INTRODUCTION

Terminal Block connectors feature the special rising cage clamp design (see illustration on page 13). The modular design of Terminal Block connectors consists of one-piece board mount terminal blocks and plug connectors with mating straight and right-angle shrouded headers. A special version – which can be mated either 90° or 180° – completes the product line.

ADVANTAGES

- IR Reflow compatible
- Terminal Block connectors have a rising cage clamp which promotes numerous reliable connections and disconnections at field installations
- All blocks are supplied with open screws which shortens the time for connection
- The double captive screw system guards against lost screws
- All metal parts are nonmagnetic
- The housing material used is halogen free Polyamide 6.6 according to UL 94V-0 (self-extinguishing); operating temperature -40°C to +105°C
- The housing funnel entry design enables an easier product application
- The open bottom design facilitates the PCB washing and reduces trapping of soldering fumes and dirt, with better insulation
- Available on the board mount connectors is testprobe access to determine if an electrical connection has been made
- Contacts are post tin-plated with nickel underplate which allows the product to be used in specially corrosive environments

TECHNICAL DOCUMENTS

Product Specification:

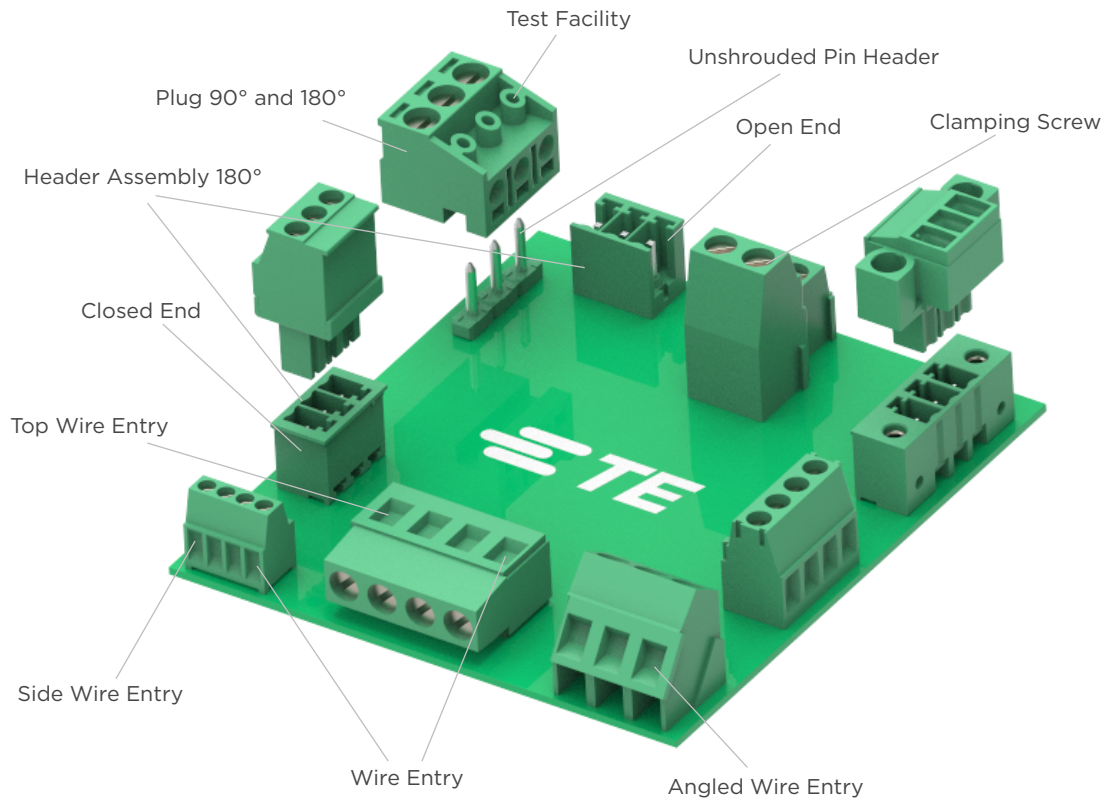
- 108-20166 Terminal Block Connectors, Stacking PC Board Mount Produced under Quality Management System certified to ISO 9001

Application Specification:

- 114-20079 Terminal Block Stacking Connectors

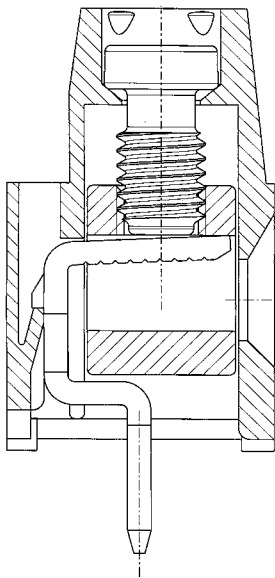
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

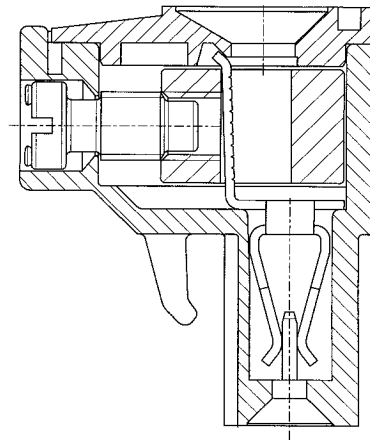


RISING CAGE CLAMP DESIGN

CROSS SECTION - ONE-PIECE CONNECTOR



CROSS SECTION - TWO-PIECE CONNECTOR

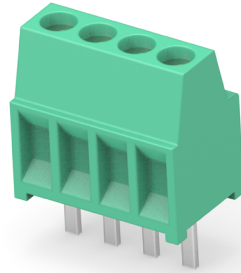


BUCHANAN TERMINAL BLOCKS

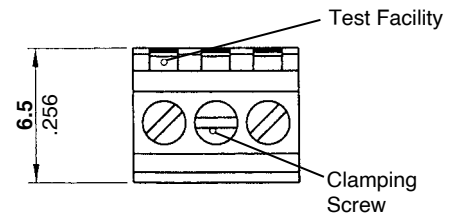
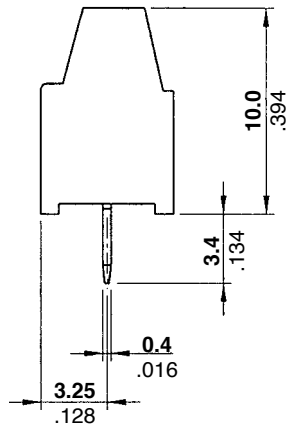
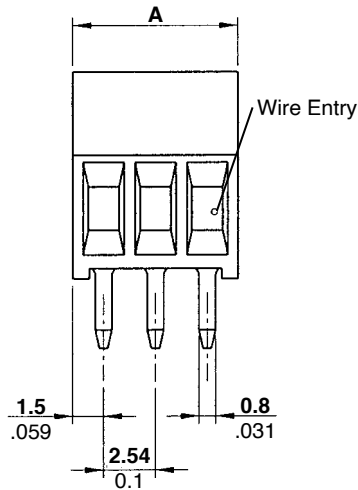
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT, 2.54 mm CENTERLINE, SIDE WIRE ENTRY

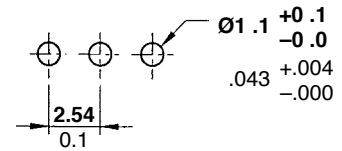
UL Rating - 150 V, 10 A 16-30 AWG



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	5.54 (0.22)	282834-2
3	8.08 (0.32)	282834-3
4	10.62 (0.42)	282834-4
5	13.16 (0.52)	282834-5
6	15.7 (0.62)	282834-6
7	18.24 (0.72)	282834-7
8	20.78 (0.82)	282834-8
9	23.32 (0.92)	282834-9
10	25.86 (1.02)	1-282834-0
11	28.4 (1.12)	1-282834-1
12	30.94 (1.22)	1-282834-2

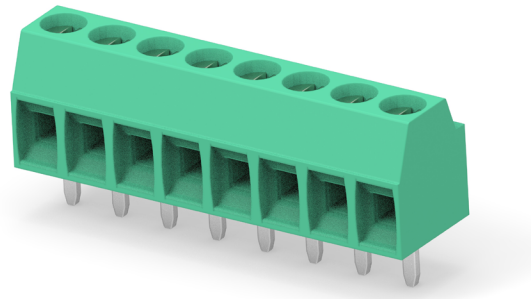
Note: BUCHANAN Terminal Block 282834* has been replaced with Part Number 1546215* (Grey)

BUCHANAN TERMINAL BLOCKS

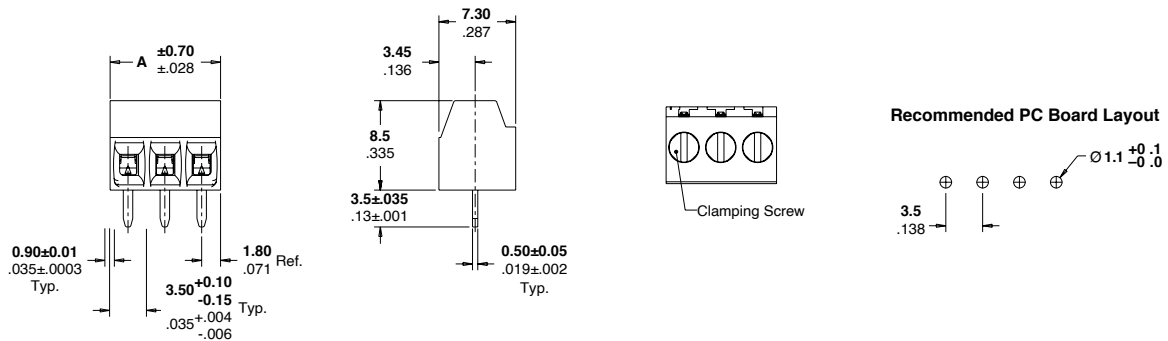
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT, 3.5 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 12 A 16-28 AWG



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	7.0 (0.276)	1546551-2
3	10.50 (0.413)	1546551-3
4	14.0 (0.551)	1546551-4
5	17.5 (0.689)	1546551-5
6	21.0 (0.827)	1546551-6
7	24.50 (0.965)	1546551-7
8	28.0 (1.102)	1546551-8
12	42.0 (1.654)	1-1546551-2

*Wave solder process capable to 265°C (509°F) for 10 seconds

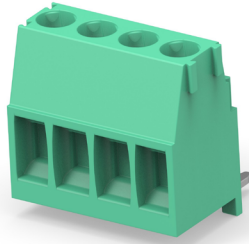
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

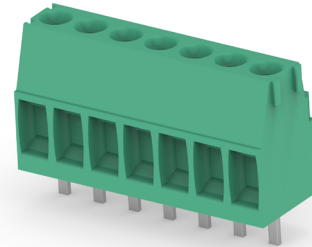
PCB MOUNT W/INTERLOCK, 3.5 mm CENTERLINE, TOP AND SIDE WIRE ENTRY

UL Rating - 300 V, 12 A 14-30 AWG

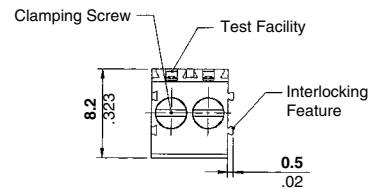
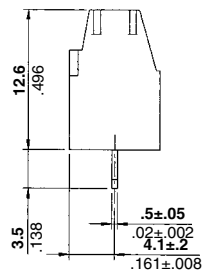
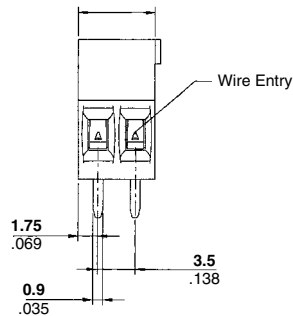
RIGHT-ANGLE



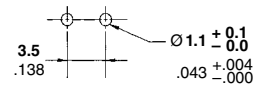
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	7.0 (0.276)	284414-2	284391-2
3	10.5 (0.413)	284414-3	284391-3
4	14.0 (0.551)	284414-4	284391-4
5	17.5 (0.689)	284414-5	284391-5
6	21.0 (0.827)	284414-6	284391-6
7	24.5 (0.965)	284414-7	284391-7
8	28.0 (1.102)	284414-8	284391-8
9	31.5 (1.240)	284414-9	284391-9
10	35.0 (1.378)	1-284414-0	1-284391-0
11	38.5 (1.516)	1-284414-1	1-284391-1
12	42.0 (1.654)	1-284414-2	1-284391-2
18	63.0 (2.480)	-	1-284391-8

Note: BUCHANAN Terminal Block 284391* has been replaced with Part Number 1546227* (Blue)

BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

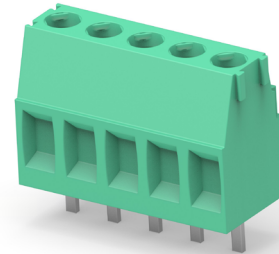
PCB MOUNT W/INTERLOCK, 3.81 mm CENTERLINE, TOP AND SIDE WIRE ENTRY

UL Rating - 300 V, 12 A 14-30 AWG

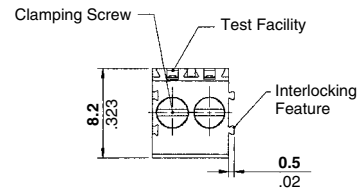
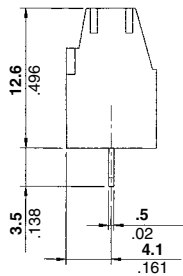
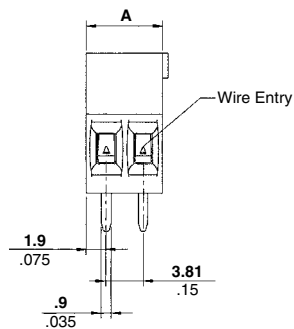
RIGHT-ANGLE



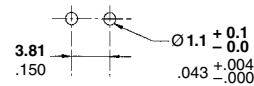
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	7.62 (0.300)	284415-2	284392-2
3	11.43 (0.450)	284415-3	284392-3
4	15.24 (0.600)	284415-4	284392-4
5	19.05 (0.750)	284415-5	284392-5
6	22.86 (0.900)	-	284392-6
7	26.67 (1.050)	284415-7	284392-7
8	30.48 (1.200)	284415-8	284392-8
9	34.29 (1.350)	284415-9	284392-9
10	38.10 (1.500)	-	1-284392-0
12	45.72 (1.800)	-	1-284392-2

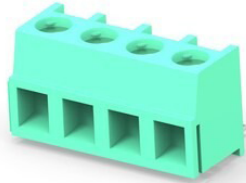
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

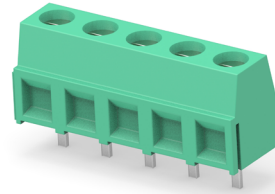
PCB MOUNT W/INTERLOCK, LOW PROFILE, 5.0 mm CENTERLINE, TOP AND SIDE WIRE ENTRY

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications

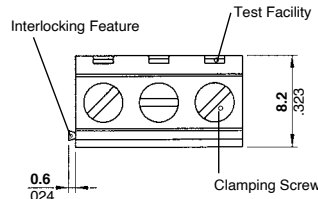
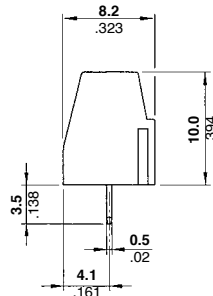
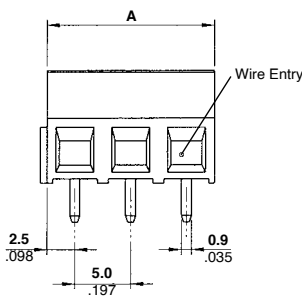
RIGHT-ANGLE



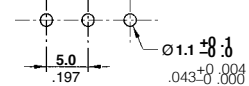
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.0 (0.394)	284093-2	282836-2
3	15.0 (0.591)	284093-3	282836-3
4	20.0 (0.787)	284093-4	282836-4
5	25.0 (0.984)	284093-5	282836-5
6	30.0 (1.181)	284093-6	282836-6
7	35.0 (1.378)	284093-7	282836-7
8	40.0 (1.575)	284093-8	282836-8
9	45.0 (1.772)	284093-9	282836-9
10	50.0 (1.969)	1-284093-0	1-282836-0
11	55.0 (2.165)	1-284093-1	1-282836-1
12	60.0 (2.362)	1-284093-2	1-282836-2
13	65.0 (2.559)	-	1-282836-3
20	100.0 (3.937)	-	2-282836-1
25	125.0 (4.921)	-	2-282836-6
9	45.0 (1.772)	-	2-282836-8
8	40.0 (1.575)	-	3-282836-0
2	10.0 (0.394)	-	3-282836-1
4	20.0 (0.787)	-	3-282836-2
5	25.0 (0.984)	-	3-282836-3
6	30.0 (1.181)	-	3-282836-4
3	15.0 (0.591)	-	3-282836-5
7	35.0 (1.378)	-	3-282836-7

Notes:

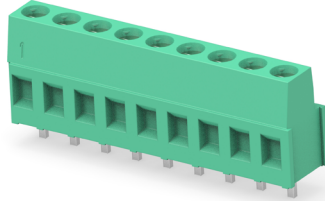
1. BUCHANAN Terminal Block 282836* has been replaced with Part Number 1546216* (Gray)
2. BUCHANAN Terminal Block 284093* has been replaced with Part Number 1546225* (Gray)
3. *Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

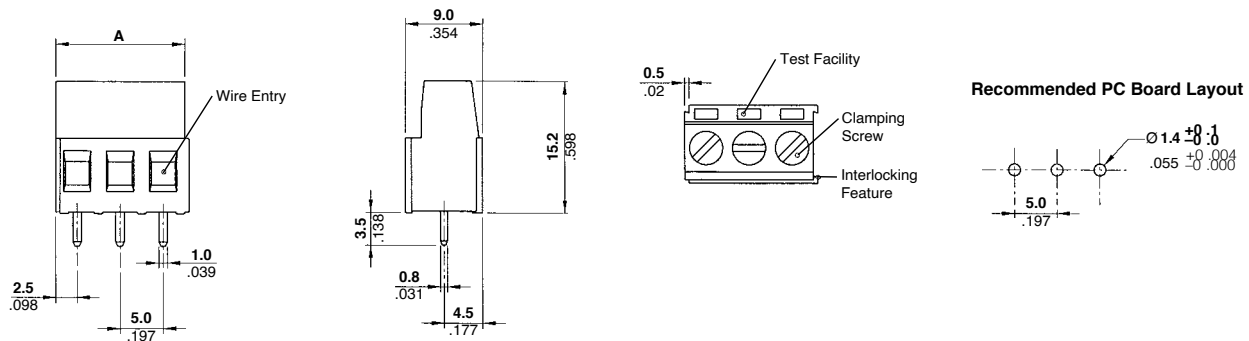
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT W/INTERLOCK, 5.0 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	10.0 (0.394)	796683-2
3	15.0 (0.591)	796683-3
4	20.0 (0.787)	796683-4
5	25.0 (0.984)	796683-5
6	30.0 (1.181)	796683-6
7	35.0 (1.378)	796683-7
8	40.0 (1.575)	796683-8
9	45.0 (1.772)	796683-9
10	50.0 (1.968)	1-796683-0
11	55.0 (2.165)	1-796683-1
24	120.0 (4.724)	2-796683-4

Note: BUCHANAN Terminal Block 796683* has been replaced with 796681* (Gray) and 796682* (Black)

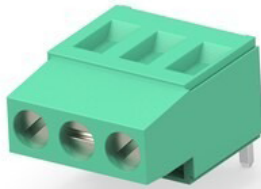
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

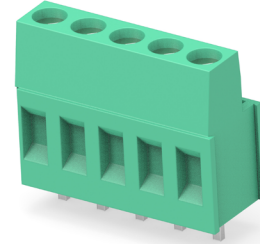
PCB MOUNT W/INTERLOCK, 5.0 mm CENTERLINE, TOP AND SIDE WIRE ENTRY

UL Rating - 300 V, 24 A 12-30 AWG, 20 A for field wiring applications

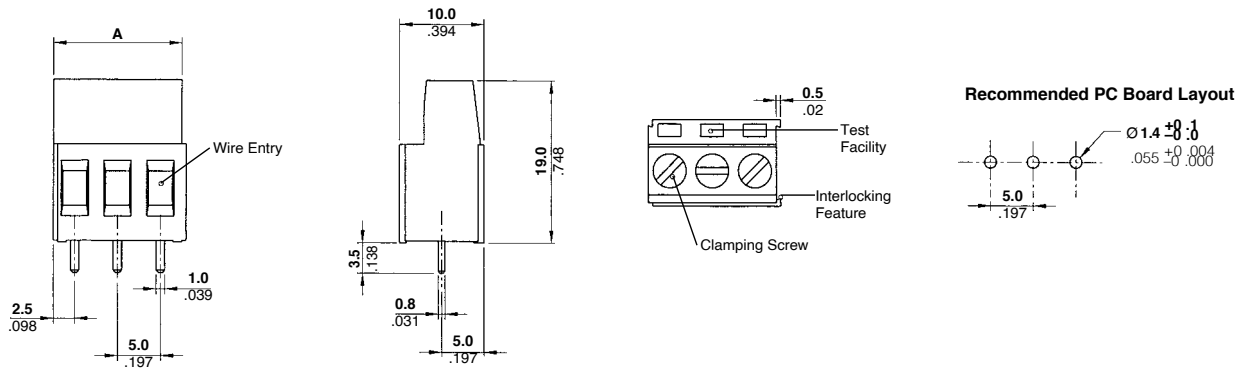
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

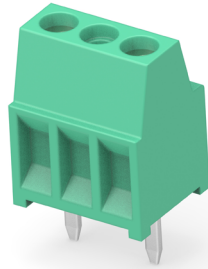
No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.0 (0.394)	-	282856-2
3	15.0 (0.591)	282862-3	282856-3
4	20.0 (0.787)	282862-4	282856-4
5	25.0 (0.984)	-	282856-5
6	30.0 (1.181)	-	282856-6
8	40.0 (1.575)	-	282856-8
9	45.0 (1.772)	-	282856-9
10	50.0 (1.969)	-	1-282856-0
11	55.0 (2.165)	-	1-282856-1
12	60.0 (2.362)	-	1-282856-2
13	65.0 (2.559)	-	1-282856-3
17	85.0 (3.346)	-	1-282856-8

BUCHANAN TERMINAL BLOCKS

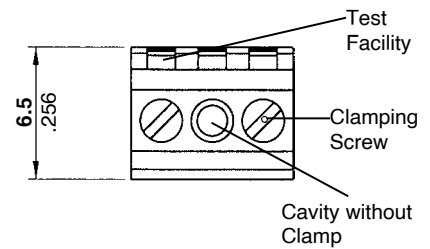
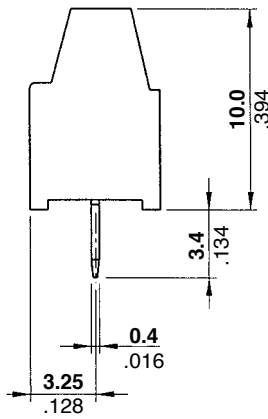
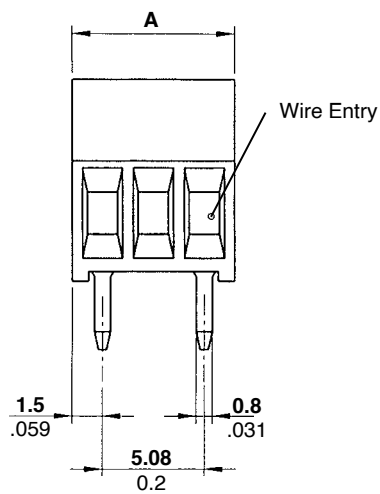
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT, 5.08 mm CENTERLINE, SIDE WIRE ENTRY

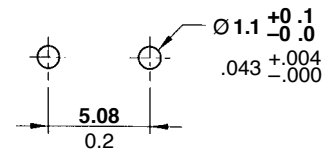
UL Rating - 300 V, 10 A 16-30 AWG



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	8.08 (0.318)	282835-2

BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

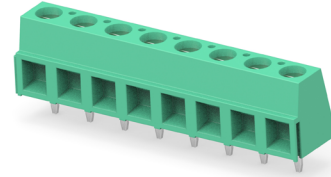
PCB MOUNT W/INTERLOCK, LOW PROFILE, 5.08 mm CENTERLINE, TOP AND SIDE WIRE ENTRY

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications

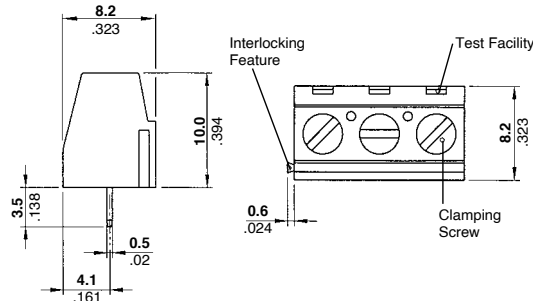
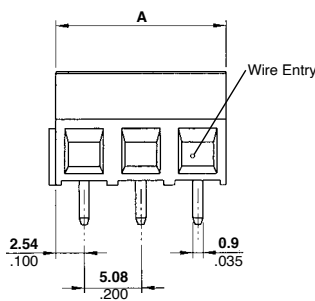
RIGHT-ANGLE



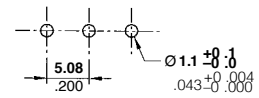
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.16 (0.400)	284094-2	282837-2
3	15.24 (0.600)	284094-3	282837-3
4	20.32 (0.800)	284094-4	282837-4
5	25.40 (1.000)	284094-5	282837-5
6	30.48 (1.200)	284094-6	282837-6
7	35.56 (1.400)	284094-7	282837-7
8	40.64 (1.600)	284094-8	282837-8
9	45.72 (1.800)	284094-9	282837-9
10	50.80 (2.000)	1-284094-0	1-282837-0
11	55.88 (2.200)	1-284094-1	1-282837-1
12	60.96 (2.400)	1-284094-2	1-282837-2
13	66.04 (2.600)	-	1-282837-4
14	71.12 (2.800)	-	1-282837-6
15	76.20 (3.000)	-	1-282837-8
16	81.28 (3.200)	-	2-282837-1
17	86.36 (3.400)	-	2-282837-4
18	91.44 (3.600)	-	2-282837-5
19	96.52 (3.800)	-	3-282837-2
20	101.60 (4.000)	-	3-282837-3
21	106.68 (4.200)	-	3-282837-4

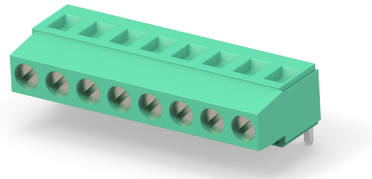
Note: BUCHANAN Terminal Block 282837* has been replaced with Part Number 1546217* (Gray)

BUCHANAN TERMINAL BLOCKS

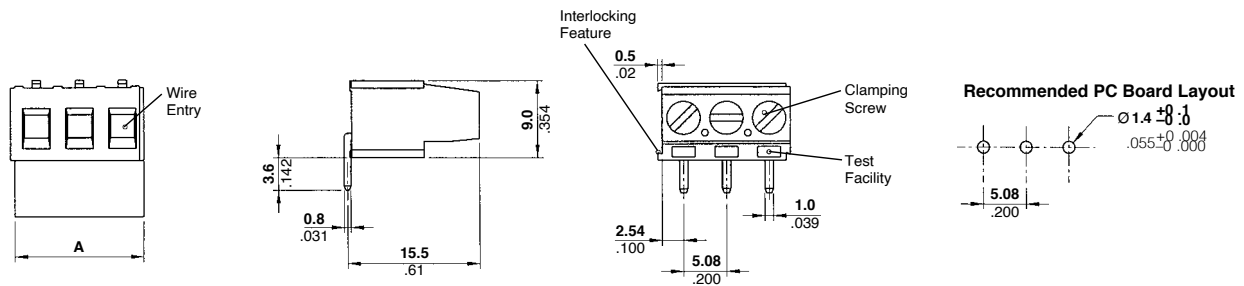
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT W/INTERLOCK, 5.08 mm CENTERLINE, TOP WIRE ENTRY

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.16 (0.40)	282851-2
3	15.24 (0.60)	282851-3
4	20.32 (0.80)	282851-4
5	25.40 (1.00)	282851-5
6	30.48 (1.20)	282851-6
8	40.64 (1.60)	282851-8
10	50.80 (2.00)	1-282851-0
12	60.96 (2.40)	1-282851-2

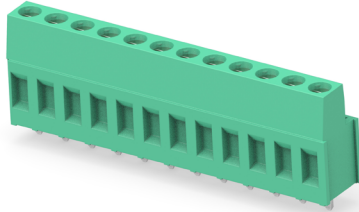
Note: BUCHANAN Terminal Block 282851* has been replaced with Part Number 1546073* (Black)

BUCHANAN TERMINAL BLOCKS

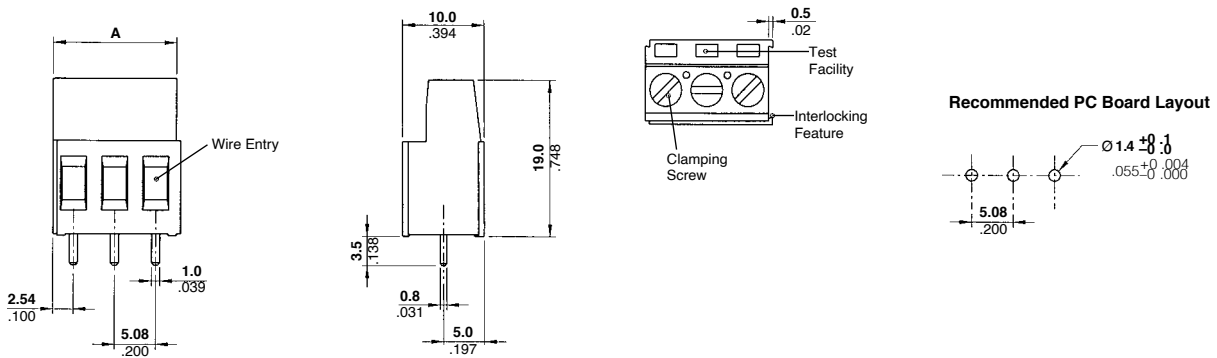
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT W/INTERLOCK, 5.08 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 24 A 12-30 AWG, 20 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	10.16 (0.40)	282857-2
3	15.24 (0.60)	282857-3
4	20.32 (0.80)	282857-4
5	25.40 (1.00)	282857-5
6	30.48 (1.20)	282857-6
7	35.56 (1.40)	282857-7
8	40.64 (1.60)	282857-8
9	45.72 (1.80)	282857-9
10	50.80 (2.00)	1-282857-0
11	55.88 (2.20)	1-282857-1
12	60.96 (2.40)	1-282857-2

BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

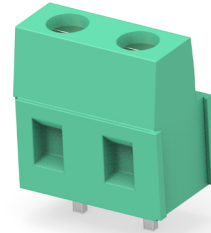
PCB MOUNT W/INTERLOCK, 7.5 mm CENTERLINE, TOP AND SIDE WIRE ENTRY

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

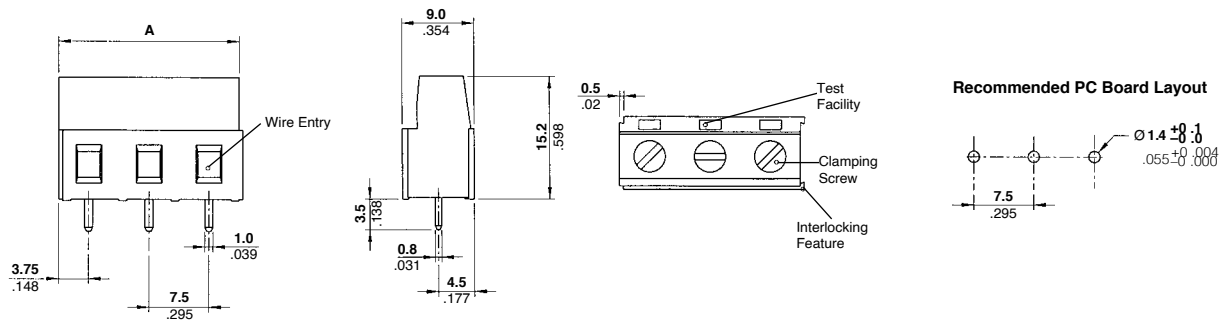
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	15.0 (0.591)	-	282844-2
3	22.5 (0.886)	282854-3	282844-3
4	30.0 (1.181)	-	282844-4

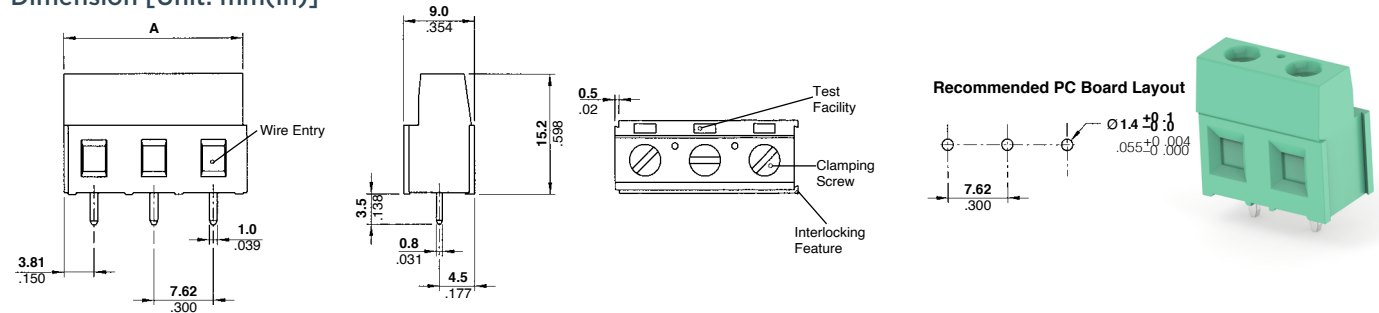
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT W/INTERLOCK, 7.62 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

Dimension [Unit: mm(in)]



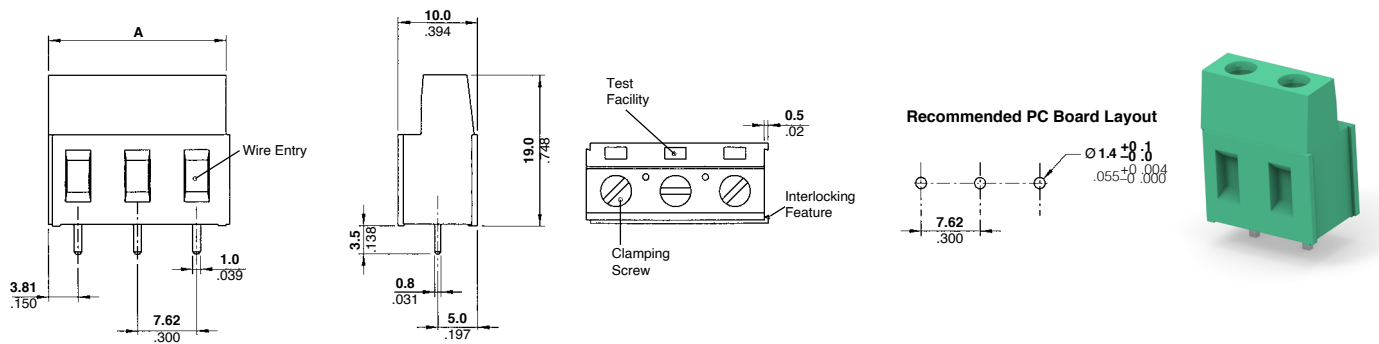
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	15.24 (0.600)	282845-2
3	22.86 (0.900)	282845-3

PCB MOUNT W/INTERLOCK, 7.62 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 24 A 12-30 AWG, 20 A for field wiring applications

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

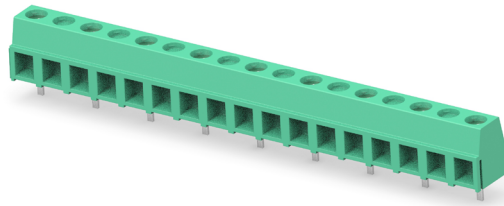
No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	15.24 (0.600)	282861-2
3	22.86 (0.900)	282861-3

BUCHANAN TERMINAL BLOCKS

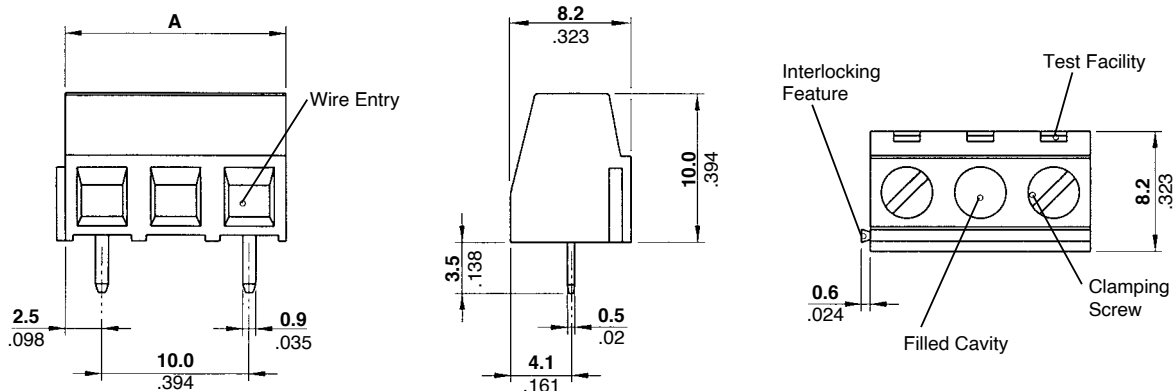
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT, LOW PROFILE, 10.0 mm CENTERLINE, SIDE WIRE ENTRY

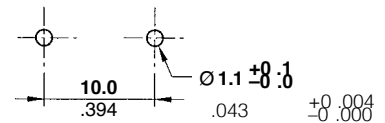
UL Rating - 600 V, 13.5 A 16-30 AWG, 10 A for field wiring applications



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	15.0 (0.591)	282838-2
3	25.0 (0.984)	282838-3
4	35.0 (1.378)	282838-4
5	45.0 (1.772)	282838-5
6	55.0 (2.165)	282838-6
7	65.0 (2.559)	282838-8
8	75.0 (2.953)	282838-9
9	85.0 (3.346)	1-282838-0
10	95.0 (3.740)	1-282838-1
11	105.0 (4.134)	1-282838-2

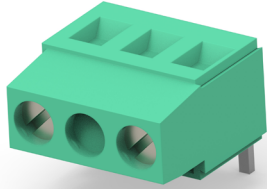
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT, 10.0 mm CENTERLINE, TOP AND SIDE WIRE ENTRY

UL Rating - 600 V, 17.5 A 12-30 AWG, 15 A for field entry applications

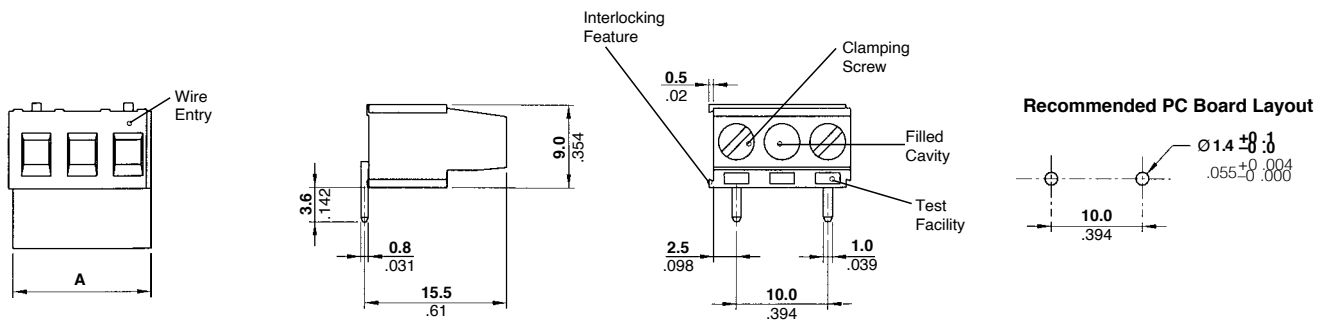
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	15.0 (0.591)	282842-2	282852-2
3	20.0 (0.787)	282842-3	282852-3
4	25.0 (0.984)	282842-4	-

BUCHANAN TERMINAL BLOCKS

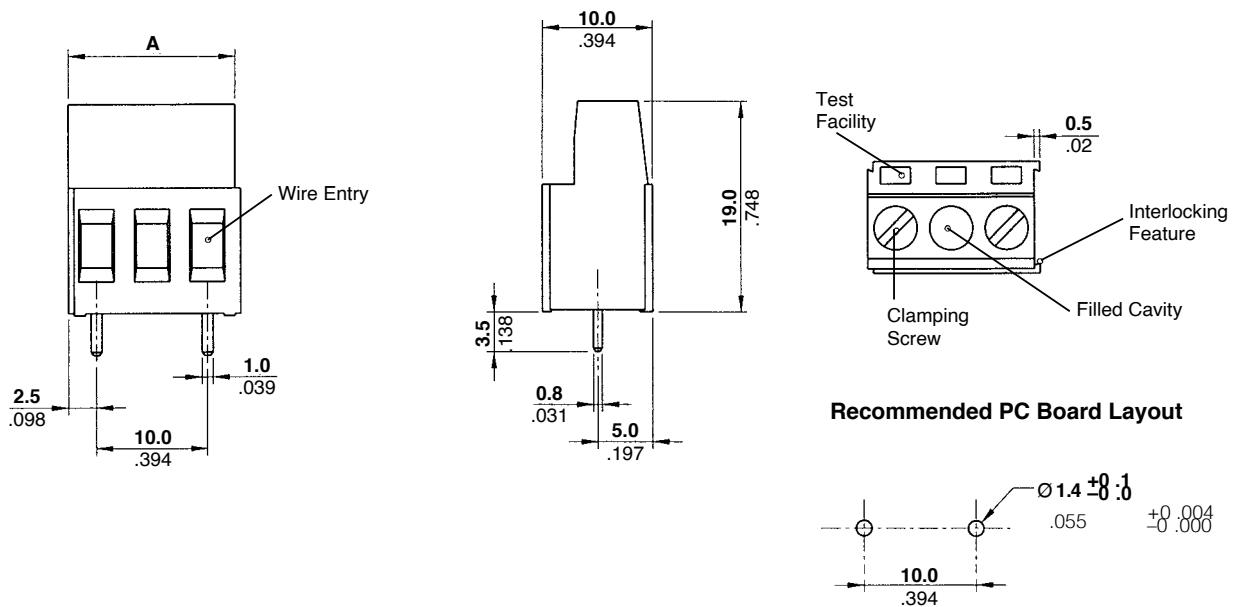
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT, 10.0 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 600 V, 24 A 12-30 AWG, 20 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

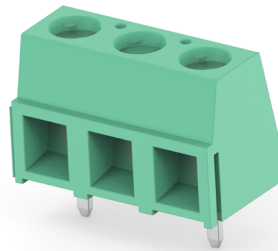
No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	15.0 (0.591)	282858-2
3	25.0 (0.984)	282858-3
4	35.0 (1.378)	282858-4
5	45.0 (1.772)	282858-5
6	55.0 (2.165)	282858-6
7	65.0 (2.559)	282858-7
8	75.0 (2.953)	282858-8
9	85.0 (3.346)	282858-9
10	95.0 (3.740)	1-282858-0
11	105.0 (4.134)	1-282858-1

BUCHANAN TERMINAL BLOCKS

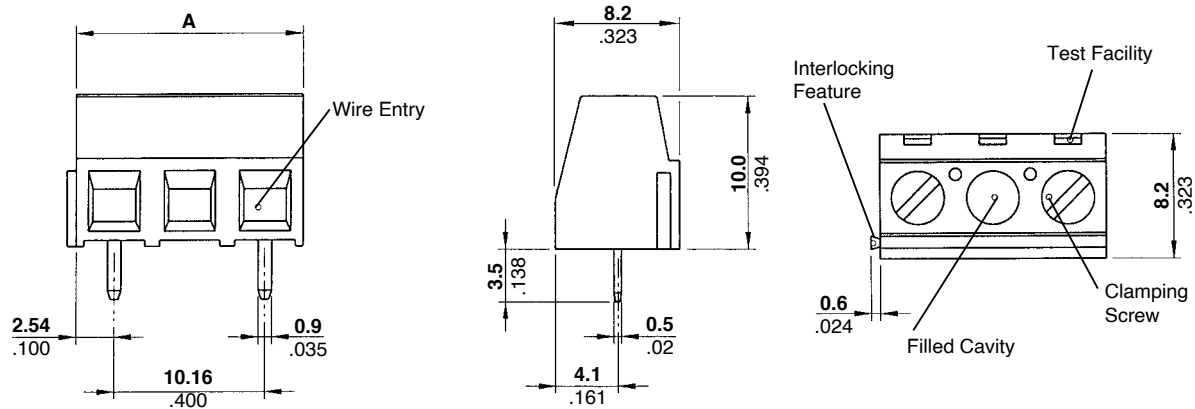
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT W/INTERLOCK, LOW PROFILE, 10.16 mm CENTERLINE, SIDE WIRE ENTRY

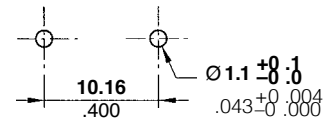
UL Rating - 600 V, 13.5 A 16-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

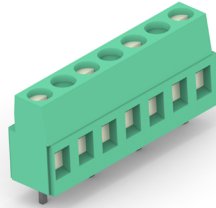
No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	15.24 (0.600)	282839-2

BUCHANAN TERMINAL BLOCKS

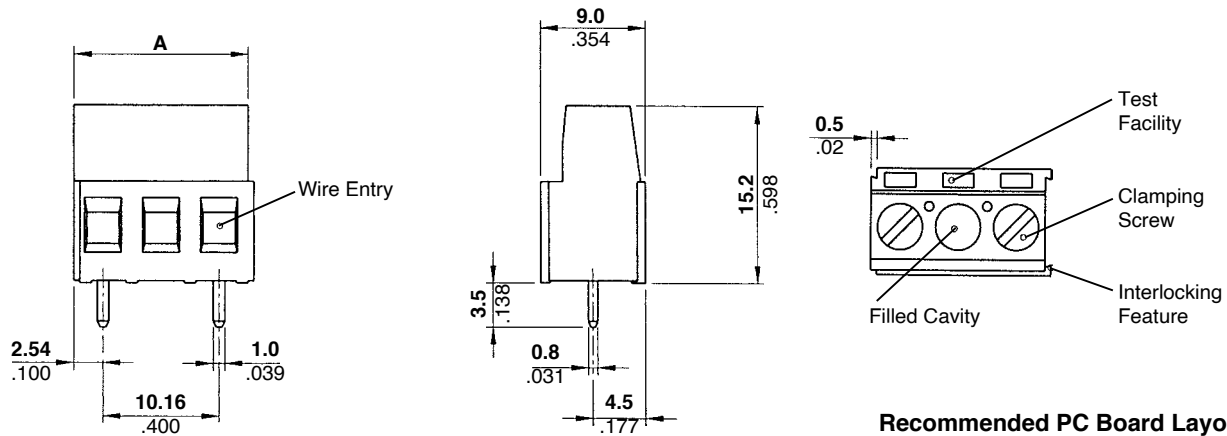
PCB MOUNT, TERMINAL BLOCK CONNECTORS

PCB MOUNT, 10.16 mm CENTERLINE, SIDE WIRE ENTRY

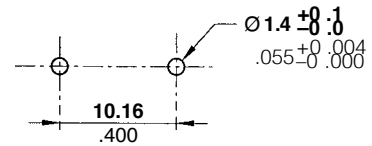
UL Rating - 600 V, 17.5 A 12-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	15.24 (0.60)	282843-2
3	25.40 (1.00)	282843-3
4	35.56 (1.40)	282843-4
5	45.72 (1.80)	282843-5
6	55.88 (2.20)	282843-6
7	66.04 (2.60)	282843-7
8	76.20 (3.00)	282843-8
9	86.36 (3.40)	282843-9
10	96.52 (3.80)	1-282843-0
11	106.68 (4.20)	1-282843-1
12	116.84 (4.60)	1-282843-2

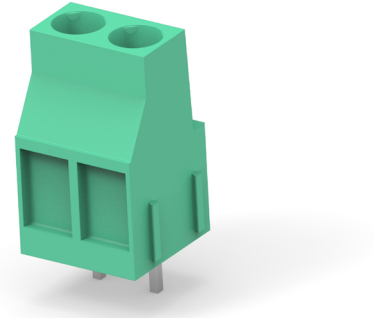
BUCHANAN TERMINAL BLOCKS

HIGH CURRENT PCB MOUNT, VERTICAL TERMINAL BLOCK

- Cage clamp style termination
- Product is modular; designed with a dovetail feature to allow building larger position sizes to increase the number of available wire positions
- Green color; other colors available upon request

PRODUCT FACTS

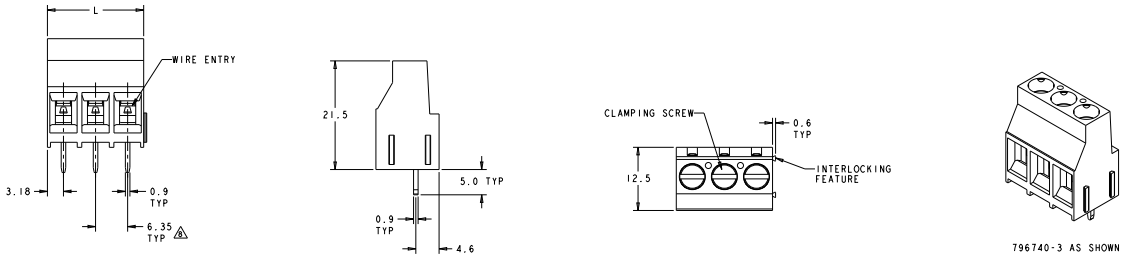
- Available in (2) centerline spacings: 6.35 mm and 9.52 mm pitch
- (2) position sizes available: 2 and 3 position
- Wire range: 10-24 AWG
- Available in (3) wire entry configurations: side wire, top wire and 35° angle



PCB MOUNT HIGH CURRENT VERTICAL TERMINAL BLOCKS, W/INTERLOCK, 6.35 mm CENTERLINE.

UL Rating – 300 V, 30 A 10-30 AWG, 15 A for field wiring applications

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

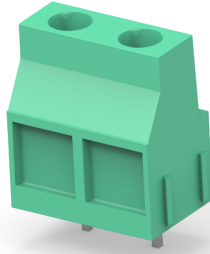
No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	6.35 (0.250)	796740-2
3	12.70 (0.500)	796740-3

BUCHANAN TERMINAL BLOCKS

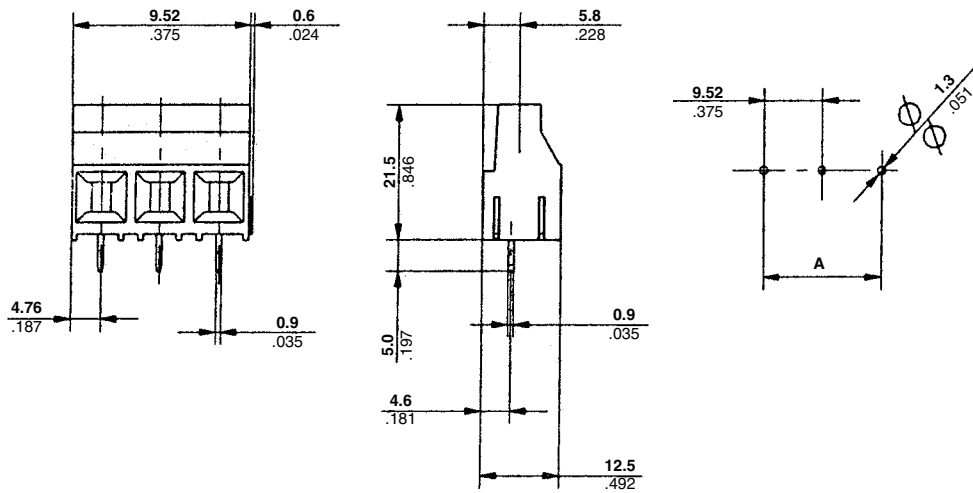
HIGH CURRENT PCB MOUNT, VERTICAL TERMINAL BLOCK

PCB MOUNT HIGH CURRENT VERTICAL TERMINAL BLOCKS ,W/INTERLOCK, 9.52 mm CENTERLINE.

UL Rating - 300 V, 30 A 10-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

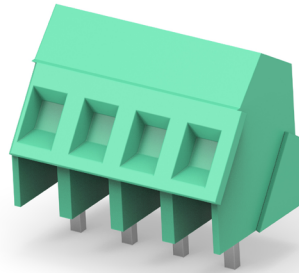
No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	9.52 (0.375)	796739-2
3	19.04 (0.704)	796739-3

BUCHANAN TERMINAL BLOCKS

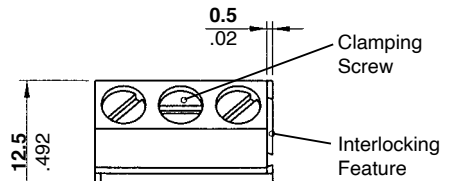
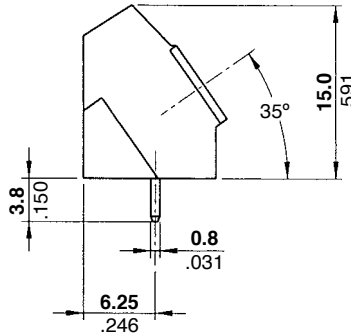
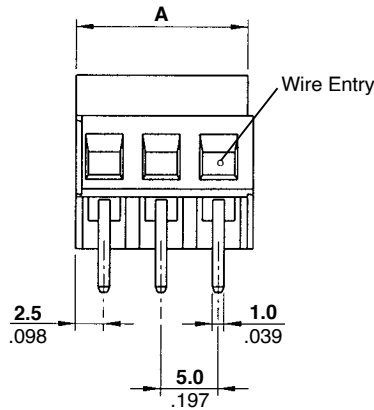
PCB MOUNT, TERMINAL BLOCK W/ANGULAR WIRE ENTRY

PCB MOUNT W/INTERLOCK, 5.0 mm CENTERLINE, 35° ANGLED WIRE ENTRY

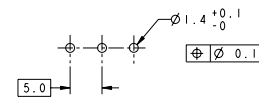
UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		35°
2	10.0 (0.394)	796690-2
3	15.0 (0.591)	796690-3
4	20.0 (0.787)	796690-4
5	25.0 (0.984)	796690-5
6	30.0 (1.181)	796690-6
7	35.0 (1.378)	796690-7
8	40.0 (1.575)	796690-8
9	45.0 (1.772)	796690-9
10	50.0 (1.968)	1-796690-0
11	55.0 (2.165)	1-796690-1
12	60.0 (2.362)	1-796690-2

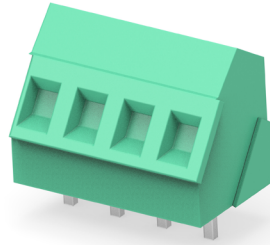
Note: BUCHANAN Terminal Block 796690* has been replaced with Part Number 796689* (Black)

BUCHANAN TERMINAL BLOCKS

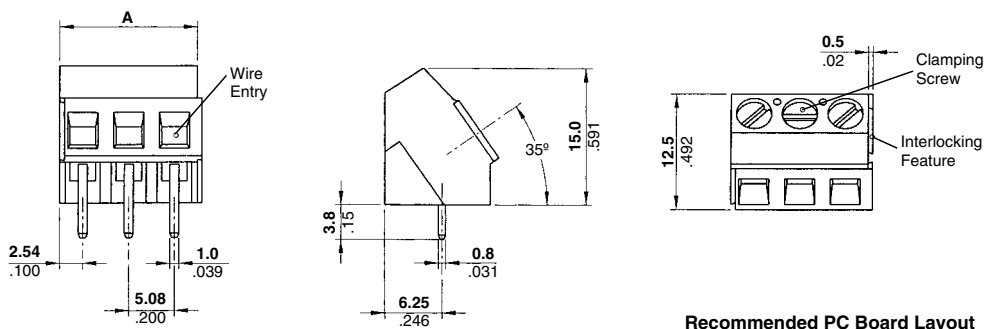
PCB MOUNT, TERMINAL BLOCK W/ANGULAR WIRE ENTRY

PCB MOUNT W/INTERLOCK, 5.08 mm CENTERLINE, 35° ANGLED WIRE ENTRY

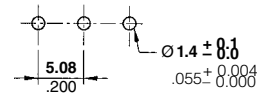
UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		35°
2	10.16 (0.400)	282847-2
3	15.24 (0.600)	282847-3
4	20.32 (0.800)	282847-4
5	25.40 (1.000)	282847-5
6	30.48 (1.200)	282847-6
7	35.56 (1.400)	282847-7
8	40.64 (1.600)	282847-8
9	45.72 (1.800)	282847-9
10	50.80 (2.000)	1-282847-0
11	55.88 (2.200)	1-282847-1
12	60.96 (2.400)	1-282847-2

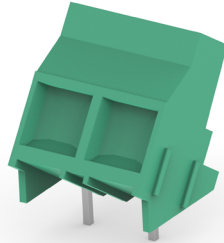
Note: BUCHANAN Terminal Block 282847* has been replaced with Part Number 1546074* (Black).

BUCHANAN TERMINAL BLOCKS

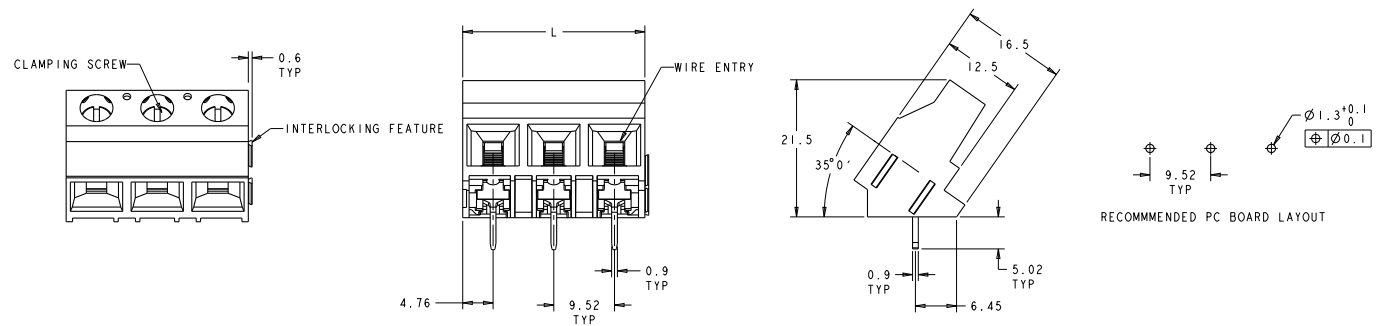
PCB MOUNT, TERMINAL BLOCK W/ANGULAR WIRE ENTRY

PCB MOUNT W/INTERLOCK, 9.52 mm CENTERLINE, 35° ANGLED WIRE ENTRY

UL Rating - 600 V, 30 A 10-24 AWG



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

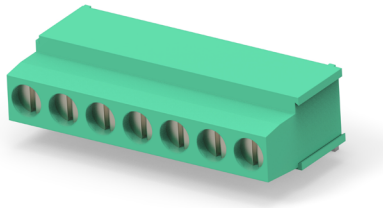
No. of Positions	Dim. A mm(in)	Part Numbers
		35°
2	9.52 (0.375)	796741-2
3	19.04 (0.704)	796741-3

BUCHANAN TERMINAL BLOCKS

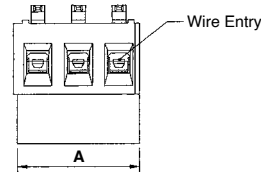
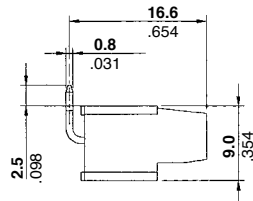
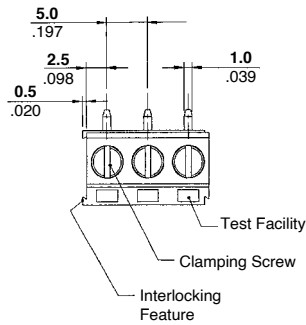
PCB MOUNT, TERMINAL BLOCK W/ANGULAR WIRE ENTRY

PCB MOUNT W/INTERLOCK, 5.0 mm CENTERLINE, BOTTOM WIRE ENTRY (270° ANGLED)

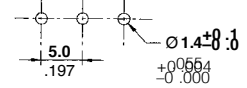
UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications



Dimension [Unit: mm(in)]



Recommended PC Board Layout



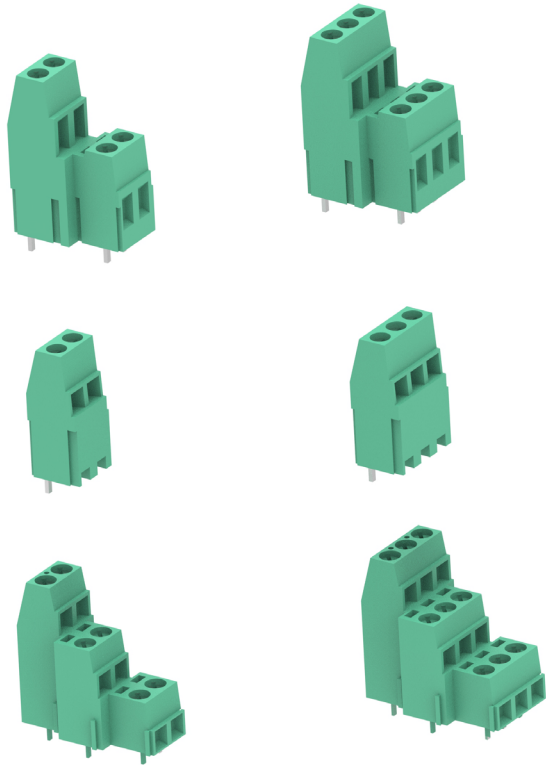
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		270°
2	10.0 (0.394)	284410-2
3	15.0 (0.591)	284410-3
4	20.0 (0.787)	284410-4
5	25.0 (0.984)	284410-5
7	35.0 (1.378)	284410-7

BUCHANAN TERMINAL BLOCKS

PCB MOUNT MULTI-LEVEL STACKING TERMINAL BLOCK

PCB MOUNT W/INTERLOCK, MULTI-LEVEL STACKING 16-30 AWG



MECHANICAL/ENVIRONMENTAL PERFORMANCE

- Operating Temperature: -40°C up to +105°C
- Climate Category: 40/110/21 per IEC 68-1

LEVEL COMBINATIONS

1st and 2nd level; 2nd and 3rd level; three levels, 2nd level; 3rd level

PCB MOUNT W/INTERLOCK, MULTI-LEVEL STACKING 12-30 AWG

5.0, 5.08, 10.0 and 10.16 mm centerline blocks suitable for 4.0 mm² max. solid wire and 2.5 mm² max. stranded wire are described in the following pages.

MECHANICAL/ENVIRONMENTAL PERFORMANCE

- Operating Temperature - -40°C up to +105°C
- Climate Category - 40/110/21 per IEC 68-1

INTRODUCTION

TE Connectivity is expanding the range of board mount terminal blocks with its family of multi-level Terminal Block stacking connectors; three different heights are available to combine one-piece blocks, according to the user's need for better space utilization and easier wire accessibility.

5.0 and 5.08 mm centerline blocks suitable for 1.5 mm² max. solid wire and 1.0 mm² max. stranded wire are described in the following pages.

PRODUCT FACTS

- One-piece board mount terminal blocks
- Interchangeable with existing products of other terminal block suppliers
- PC board footprint fully compatible with existing Industry Standards: pc board thickness 1.6-2.4 mm
- Modular design with interlocking fixture to assemble higher number of ways applies to 5.0 and 5.08 mm centerlines
- Rising screw clamp design
- Funnel entry housing for easier wire insertion
- Test probe access
- Terminal blocks supplied with open captive screws

Level	Height
1st Level	10.0 mm
2nd Level	19.0 mm
3rd Level	28.0 mm

Level	Height
1st Level	18.6 mm
2nd Level	31.5 mm
3rd Level	45.0 mm

Centerline	No. of Pos.	Level Combinations
5.0 mm	2-3	1st and 2nd level; 2nd and 3rd level; three levels, 2nd level; 3rd level
5.08 mm	2-3	1st and 2nd level; 2nd and 3rd level; three levels, 2nd level; 3rd level

BUCHANAN TERMINAL BLOCKS

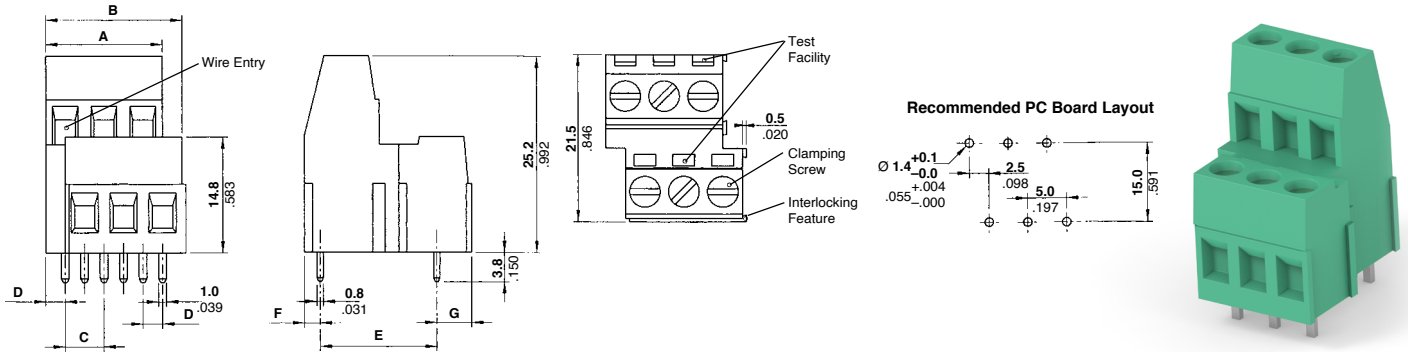
PCB MOUNT, 1ST AND 2ND LEVEL STACKING TERMINAL BLOCKS - 5.0 mm PITCH

PCB MOUNT W/INTERLOCK, 5.0 mm CENTERLINE, 1ST AND 2ND LEVEL, STACKING

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A: mm(in)							Part Numbers
	A	B	C	D	E	F	G	
2	10.0	12.5	5.0	2.5	15.0	2.0	4.5	282888-2
	(0.394)	(0.492)	(0.197)	(0.098)	(0.591)	(0.079)	(0.177)	
3	15.0	17.5	5.0	2.5	15.0	2.0	4.5	282888-3
	(0.591)	(0.689)	(0.197)	(0.098)	(0.591)	(0.079)	(0.177)	

Notes:

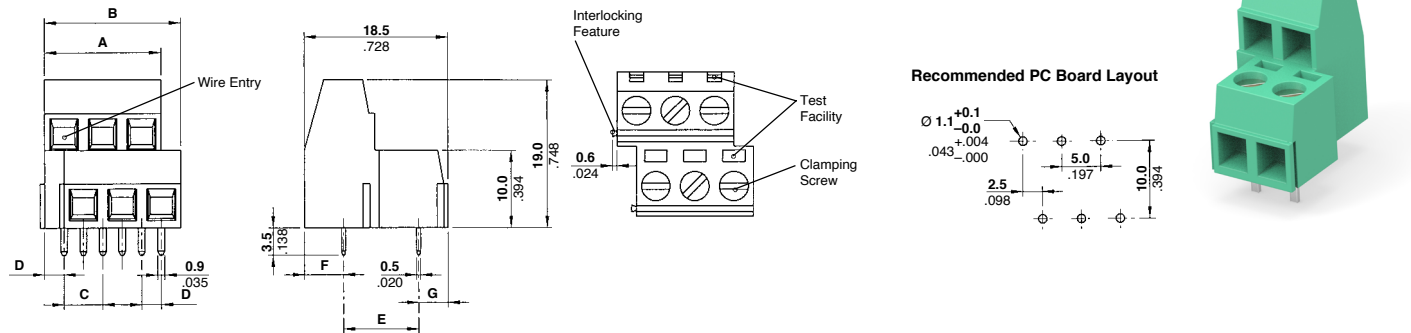
1. BUCHANAN Terminal Block 282888* has been replaced with Part Number 796691* (Blue)
2. BUCHANAN Terminal Block SERIES B07C4VxxT has been superceded/replaced with 796691-xx (blue).
3. RDI Terminal Block Series 5LEEV-xx has been superceded/replaced with 796691-xx.

PCB MOUNT W/INTERLOCK, 5.0 mm CENTERLINE, 1ST AND 2ND LEVEL, STACKING

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)							Part Numbers
	A	B	C	D	E	F	G	
2	10.0	12.5	5.0	2.5	10.0	4.4	4.1	282868-2
	(0.394)	(0.492)	(0.197)	(0.098)	(0.394)	(0.173)	(0.161)	
3	15.0	17.5	5.0	2.5	10.0	4.4	4.1	282868-3
	(0.591)	(0.689)	(0.197)	(0.098)	(0.394)	(0.173)	(0.161)	

BUCHANAN TERMINAL BLOCKS

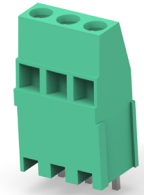
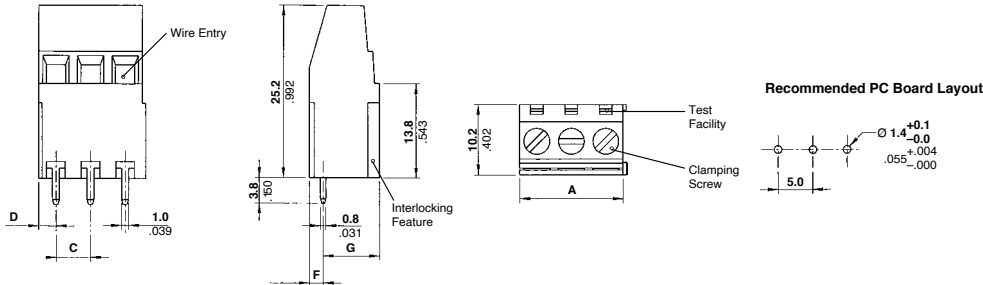
PCB MOUNT, 2ND LEVEL STACKING TERMINAL BLOCKS - 5.0 mm PITCH

PCB MOUNT W/INTERLOCK 5.0 mm CENTERLINE, 2ND LEVEL, STACKING

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

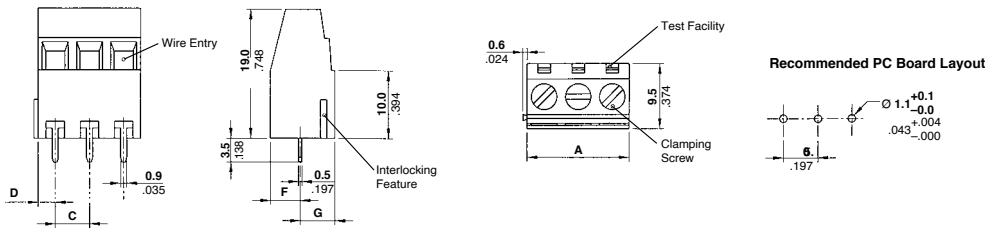
No. Of Positions	Dim. A mm(in)					Part Numbers
	A	C	D	F	G	
2	10.0	5.0	2.5	2.0	8.2	282900-2
	(0.394)	(0.197)	(0.098)	(0.079)	(0.323)	
3	15.0	5.0	2.5	2.0	8.2	282900-3
	(0.591)	(0.197)	(0.098)	(0.079)	(0.323)	

PCB MOUNT W/INTERLOCK 5.0 mm CENTERLINE, 2ND LEVEL, STACKING

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)					Part Numbers
	A	C	D	F	G	
2	10.0	5.0	2.5	4.4	5.1	282880-2
	(0.394)	(0.197)	(0.098)	(0.173)	(0.201)	
3	15.0	5.0	2.5	4.4	5.1	282880-3
	(0.591)	(0.197)	(0.098)	(0.173)	(0.201)	

BUCHANAN TERMINAL BLOCKS

PCB MOUNT, 3RD LEVEL STACKING TERMINAL BLOCKS - 5.0 mm PITCH

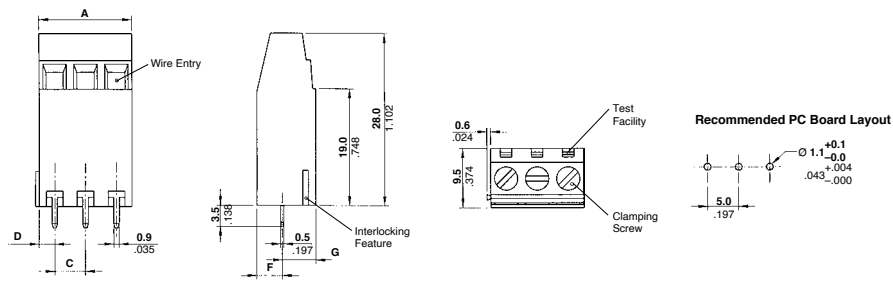
PCB MOUNT W/INTERLOCK 5.0 mm CENTERLINE, 3RD LEVEL, STACKING

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)					Part Numbers
	A	C	D	F	G	180°
2	10.0	5.0	2.5	4.1	5.4	282884-2
	(0.394)	(0.197)	(0.098)	(0.173)	(0.213)	
3	15.0	5.0	2.5	4.1	5.4	282884-3
	(0.591)	(0.197)	(0.098)	(0.173)	(0.213)	

BUCHANAN TERMINAL BLOCKS

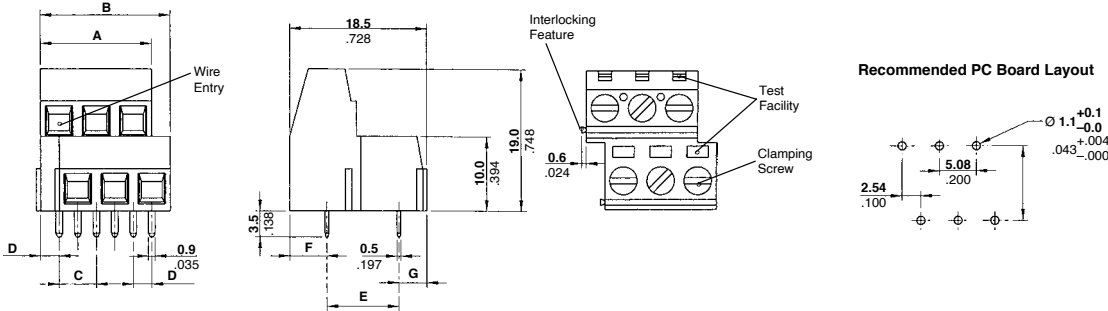
PCB MOUNT, 1ST AND 2ND LEVEL STACKING TERMINAL BLOCKS - 5.08 mm PITCH

PCB MOUNT W/INTERLOCK, 5.08 mm CENTERLINE, 1ST AND 2ND LEVEL, STACKING

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

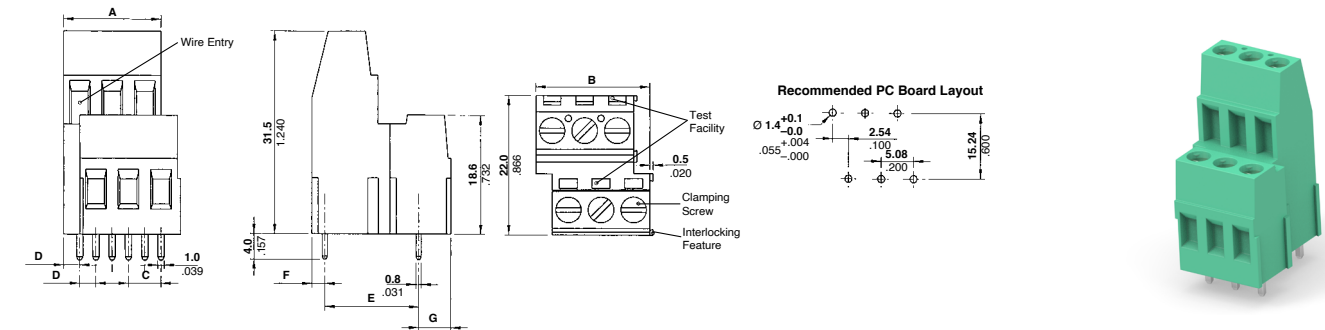
No. Of Positions	Dim. A mm(in)							Part Numbers
	A	B	C	D	E	F	G	180°
2	10.16	12.70	5.08	2.54	10.16	4.24	4.1	282869-2
	(0.400)	(0.500)	(0.200)	(0.100)	(0.400)	(0.167)	(0.161)	
3	15.24	17.78	5.08	2.54	10.16	4.24	4.1	282869-3
	(0.600)	(0.700)	(0.200)	(0.100)	(0.400)	(0.167)	(0.161)	

PCB MOUNT W/INTERLOCK, 5.08 mm CENTERLINE, 1ST AND 2ND LEVEL, STACKING

UL Rating - 300 V, 24 A 12-30 AWG, 20 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)							Part Numbers
	A	B	C	D	E	F	G	180°
2	10.16	12.70	5.08	2.54	15.24	1.76	5.0	282909-2
	(0.400)	(0.500)	(0.200)	(0.100)	(0.600)	(0.069)	(0.197)	
3	15.24	17.78	5.08	2.54	15.24	1.76	5.0	282909-3
	(0.600)	(0.700)	(0.200)	(0.100)	(0.600)	(0.069)	(0.197)	

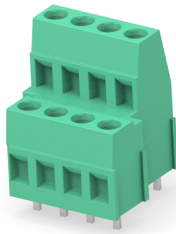
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, 1ST AND 2ND LEVEL STACKING TERMINAL BLOCKS - 5.08 mm PITCH

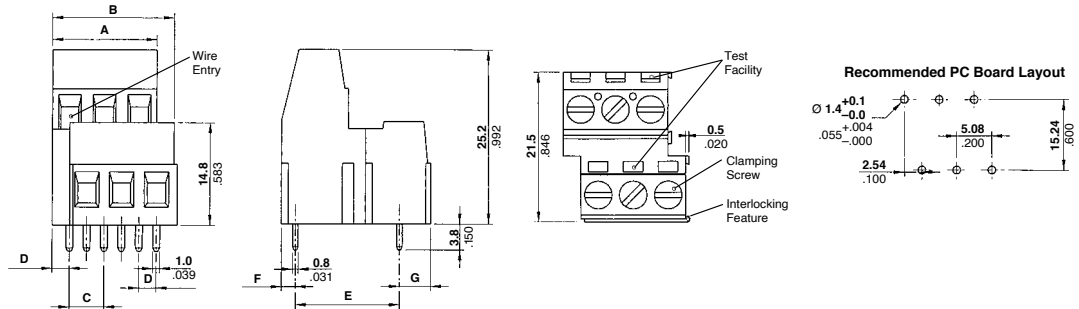
PCB MOUNT W/INTERLOCK, 5.08 mm CENTERLINE, 1ST AND 2ND LEVEL, STACKING

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)							Part Number
	A	B	C	D	E	F	G	
2	10.16	12.70	5.08	2.54	15.24	1.76	4.5	796692-2
	(0.400)	(0.500)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
3	15.24	17.78	5.08	2.54	15.24	1.76	4.5	796692-3
	(0.600)	(0.700)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
4	20.32	22.86	5.08	2.54	15.24	1.76	4.5	796692-4
	(0.80)	(0.90)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
5	25.40	27.94	5.08	2.54	15.24	1.76	4.5	796692-5
	(1.00)	(1.10)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
6	30.48	33.02	5.08	2.54	15.24	1.76	4.5	796692-6
	(1.20)	(1.30)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
7	35.56	38.10	5.08	2.54	15.24	1.76	4.5	796692-7
	(1.40)	(1.50)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
8	40.64	43.18	5.08	2.54	15.24	1.76	4.5	796692-8
	(1.60)	(1.70)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
9	45.72	48.26	5.08	2.54	15.24	1.76	4.5	796692-9
	(1.80)	(1.90)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
10	50.80	53.34	5.08	2.54	15.24	1.76	4.5	1-796692-0
	(2.00)	(2.10)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
11	55.88	58.42	5.08	2.54	15.24	1.76	4.5	1-796692-1
	(2.20)	(2.30)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	
12	60.96	63.50	5.08	2.54	15.24	1.76	4.5	1-796692-2
	(2.40)	(2.50)	(0.200)	(0.100)	(0.600)	(0.069)	(0.177)	

Note:

1. RDI Terminal Block Series 2LEEV-xx/2 has been superceded/replaced with 796692-xx (green).
2. BUCHANAN Terminal Block 796692* has been replaced with Part Number 796984* (Black)

BUCHANAN TERMINAL BLOCKS

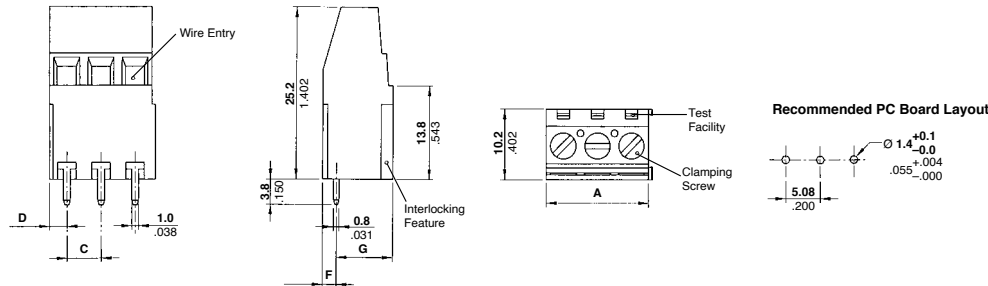
PCB MOUNT, 2ND LEVEL STACKING TERMINAL BLOCKS - 5.08 mm PITCH

PCB MOUNT W/INTERLOCK 5.08 mm CENTERLINE, 2ND LEVEL, STACKING

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)					Part Numbers
	A	C	D	F	G	
2	10.16	5.08	2.54	1.76	8.44	282901-2
	(0.400)	(0.200)	(0.100)	(0.069)	(0.332)	
3	15.24	5.08	2.54	1.76	8.44	282901-3
	(0.600)	(0.200)	(0.100)	(0.069)	(0.332)	

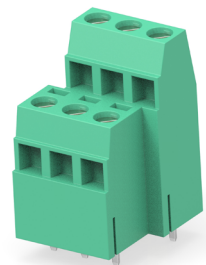
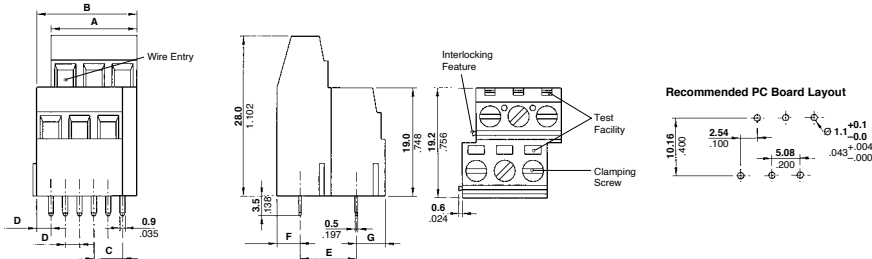
PCB MOUNT, 2ND AND 3RD LEVEL STACKING TERMINAL BLOCKS - 5.08 mm PITCH

PCB MOUNT W/INTERLOCK, 5.08 mm CENTERLINE, 2ND AND 3RD LEVEL, STACKING

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)							Part Numbers
	A	B	C	D	E	F	G	
2	10.16	12.70	5.08	2.54	10.16	3.78	5.26	282873-2
	(0.400)	(0.500)	(0.200)	(0.100)	(0.400)	(0.149)	(0.207)	
3	15.24	17.78	5.08	2.54	10.16	3.78	5.26	282873-3
	(0.600)	(0.700)	(0.200)	(0.100)	(0.400)	(0.149)	(0.207)	

BUCHANAN TERMINAL BLOCKS

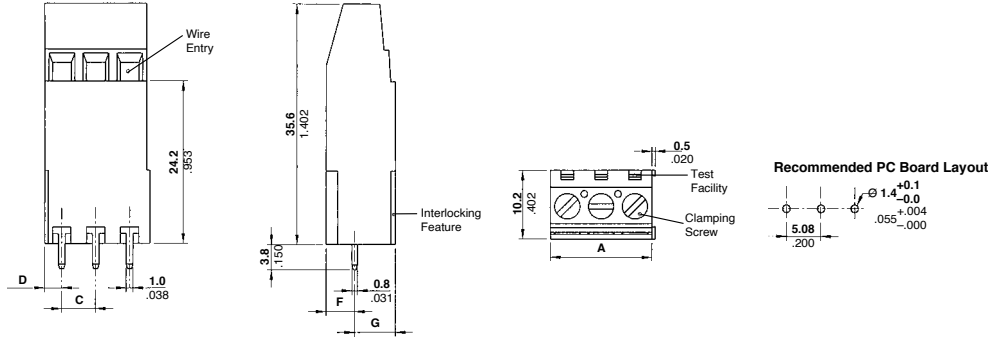
PCB MOUNT, 3RD LEVEL STACKING CONNECTORS - 5.08 mm PITCH

PCB MOUNT W/INTERLOCK 5.08 mm CENTERLINE, 3RD LEVEL, STACKING

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

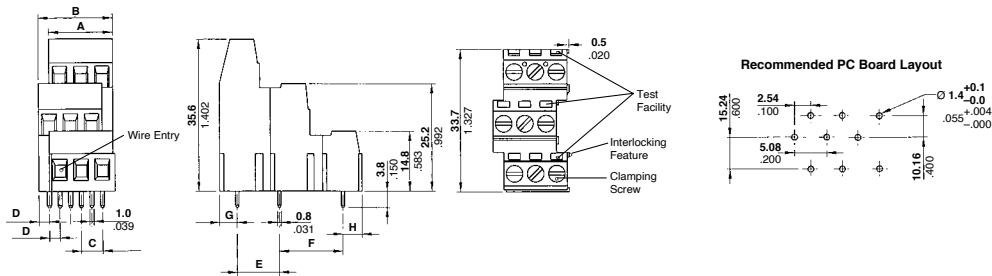
No. Of Positions	Dim. A mm(in)					Part Numbers
	A	C	D	F	G	180°
2	10.16	5.08	2.54	3.8	6.4	282905-2
	(0.400)	(0.200)	(0.100)	(0.150)	(0.252)	

PCB MOUNT W/INTERLOCK 5.08 mm CENTERLINE, 3RD LEVEL, STACKING

UL Rating - 300 V, 17.5 A 12-30 AWG, 15 A for field wiring applications

VERTICAL

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. Of Positions	Dim. A mm(in)								Part Numbers
	A	B	C	D	E	F	G	H	180°
2	10.16	12.70	5.08	2.54	10.16	15.24	3.8	4.5	282897-2
	(0.400)	(0.500)	(0.200)	(0.100)	(0.400)	(0.600)	(0.150)	(0.177)	
3	15.24	17.78	5.08	2.54	10.16	15.24	3.8	4.5	282897-3
	(0.600)	(0.700)	(0.200)	(0.100)	(0.400)	(0.600)	(0.150)	(0.177)	

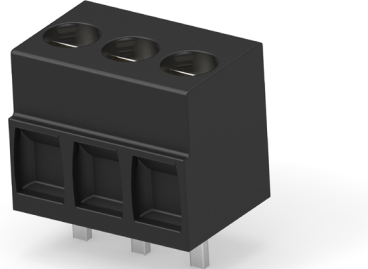
Note: BUCHANAN Terminal Block 282897* has been replaced with Part Number 1546233* (Black)

BUCHANAN TERMINAL BLOCKS

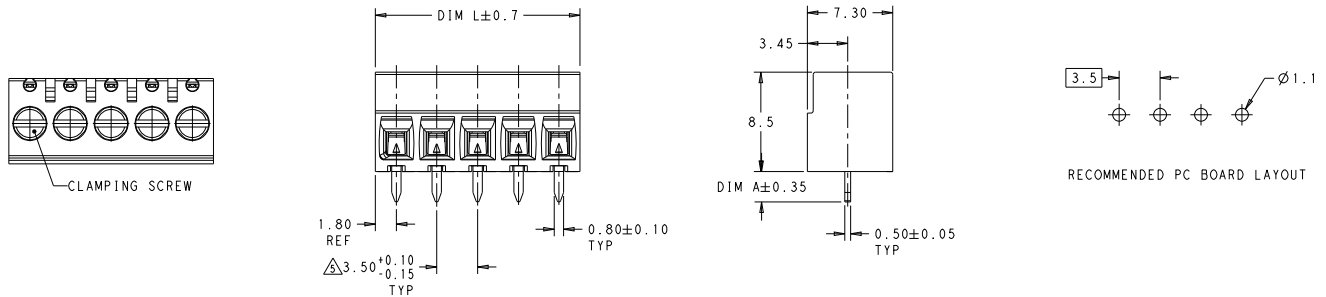
PCB MOUNT, HIGH TEMPERATURE VERSION TERMINAL BLOCKS

PCB MOUNT 3.5 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 12 A 16-28 AWG



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	7.00 (0.276)	1776112-2
3	10.50 (0.413)	1776112-3
4	14.00 (0.551)	1776112-4

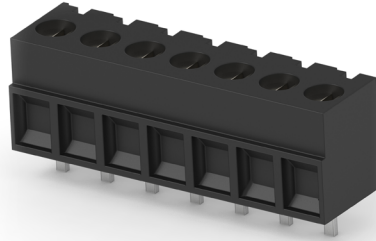
*Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

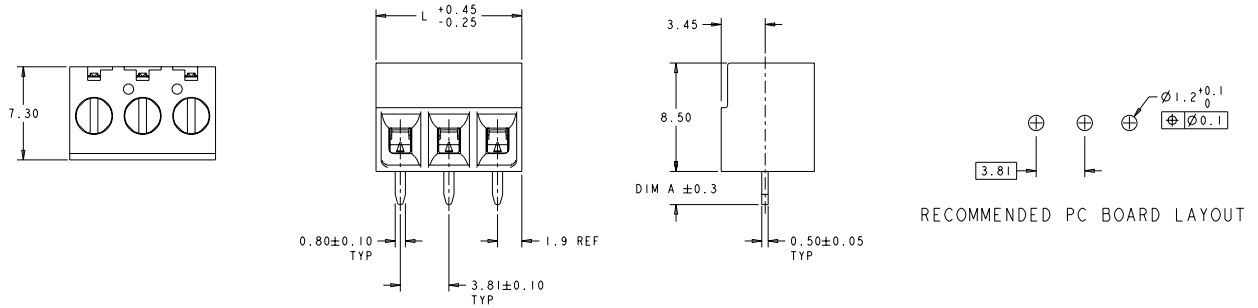
PCB MOUNT, HIGH TEMPERATURE VERSION TERMINAL BLOCKS

PCB MOUNT, 3.81 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 150 V, 12 A 16-28 AWG



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	7.62 (0.300)	1776113-2
3	11.43 (0.450)	1776113-3
4	15.24 (0.600)	1776113-4
5	19.05 (0.750)	1776113-5
6	22.86 (0.900)	1776113-6
8	30.48 (1.200)	1776113-8
9	34.29 (1.350)	1776113-9
10	38.10 (1.500)	1-1776113-0
12	45.72 (1.800)	1-1776113-2

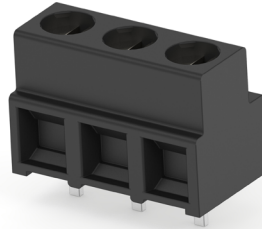
*Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

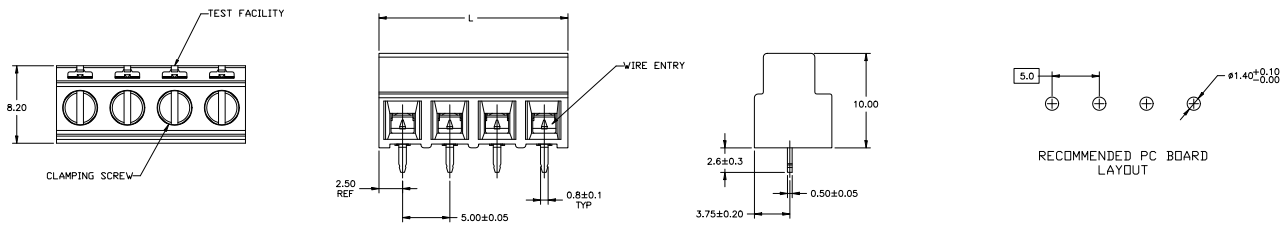
PCB MOUNT, HIGH TEMPERATURE VERSION TERMINAL BLOCKS

PCB MOUNT W/INTERLOCK, LOW PROFILE, 5.0 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	10.0 (0.394)	1776118-2
3	15.0 (0.591)	1776118-3
4	20.0 (0.787)	1776118-4
5	25.0 (0.984)	1776118-5
6	30.0 (1.181)	1776118-6
7	35.0 (1.378)	1776118-7
8	40.0 (1.575)	1776118-8

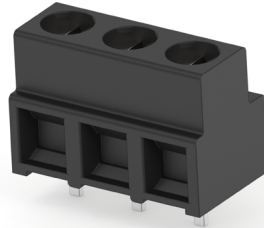
*Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

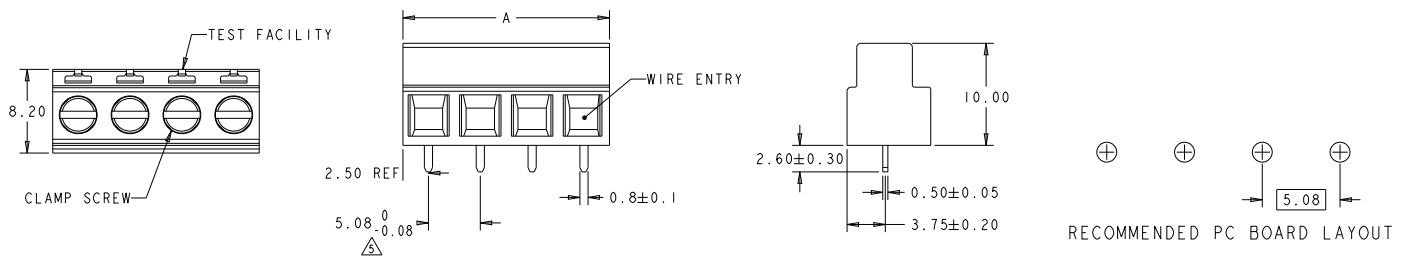
PCB MOUNT, HIGH TEMPERATURE VERSION TERMINAL BLOCKS

PCB MOUNT W/INTERLOCK, LOW PROFILE, 5.08 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number
		180°
2	10.16 (0.400)	1776119-2
3	15.24 (0.600)	1776119-3
4	20.32 (0.800)	1776119-4
5	25.40 (1.000)	1776119-5
6	30.48 (1.200)	1776119-6

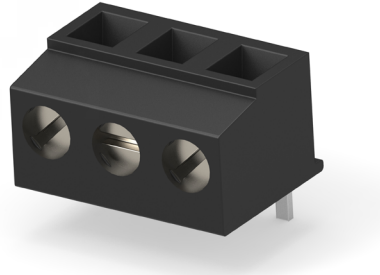
*Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

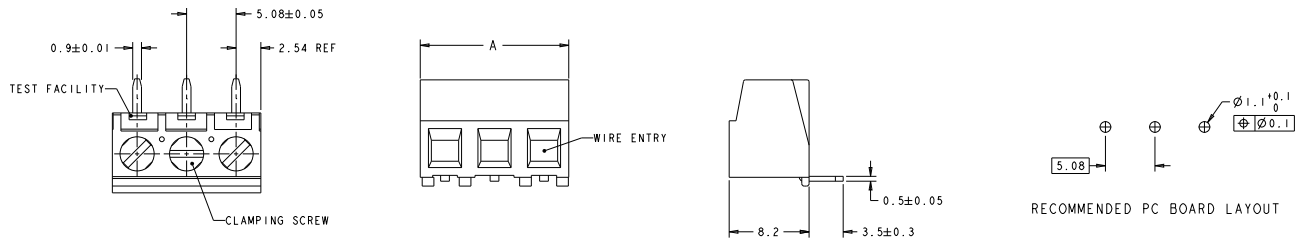
PCB MOUNT, HIGH TEMPERATURE VERSION TERMINAL BLOCKS

PCB MOUNT W/INTERLOCK, LOW PROFILE, 5.08 mm CENTERLINE, TOP WIRE ENTRY

UL Rating - 300 V, 13.5 A 16-30 AWG, 10 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number
		90°
2	10.16 (0.400)	1776121-2
3	15.24 (0.600)	1776121-3
4	20.32 (0.800)	1776121-4
5	25.40 (1.000)	1776121-5
6	30.48 (1.200)	1776121-6
7	35.56 (1.400)	1776121-7
8	40.64 (1.600)	1776121-8

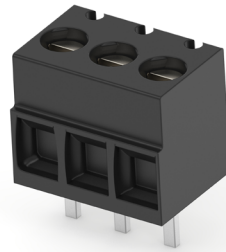
*Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

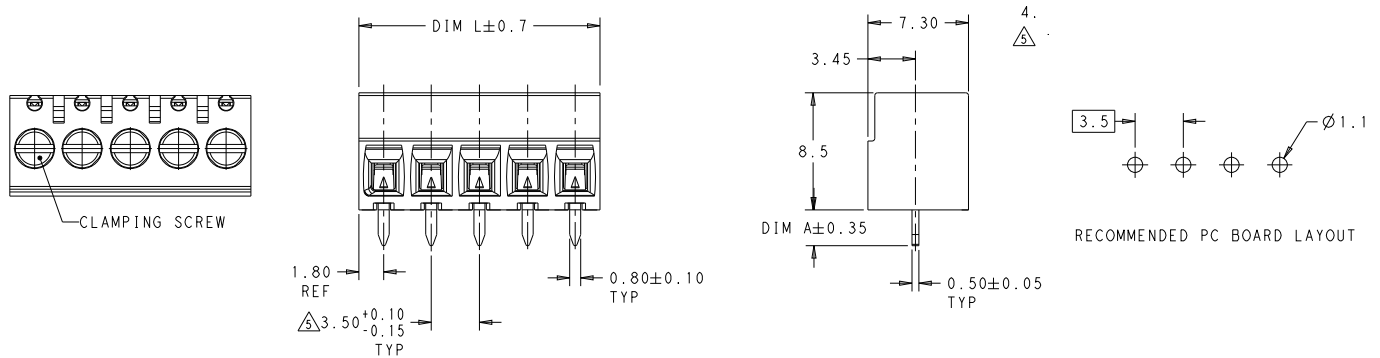
PCB MOUNT, HIGH TEMPERATURE VERSION TERMINAL BLOCKS

PCB MOUNT, LOW PROFILE, 10.0 mm CENTERLINE, SIDE WIRE ENTRY

UL Rating - 600 V, 13.5 A 16-30 AWG, 10 A for field wiring applications



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	15.0 (0.591)	1776112-2
3	25.0 (0.984)	1776112-3
4	35.0 (1.378)	1776112-4

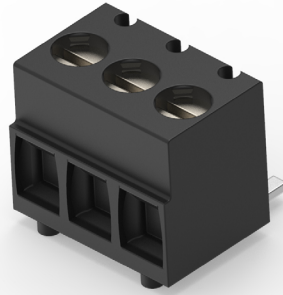
*Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

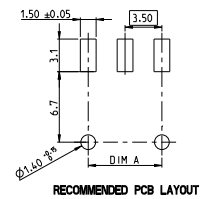
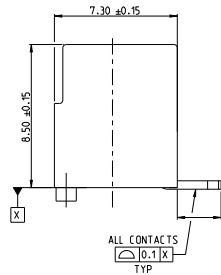
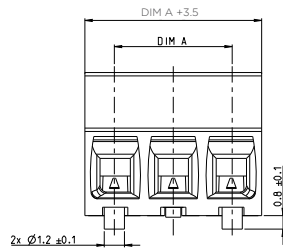
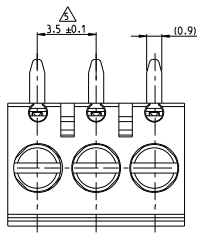
PCB MOUNT, SMD VERSION TERMINAL BLOCK

PCB MOUNT, SMD VERSION TERMINAL BLOCK - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	7.00 (0.275)	2383942-2
3	10.50 (0.413)	2383942-3
4	14.00 (0.551)	2383942-4
5	17.50 (0.688)	2383942-5
6	21.00 (0.826)	2383942-6
7	24.50 (0.964)	2383942-7
8	28.00 (1.10)	2383942-8
9	31.50 (1.24)	2383942-9
10	35.0 (1.37)	1-2383942-0
11	38.00 (1.49)	1-2383942-1
12	42.00 (1.65)	1-2383942-2

*Wave solder process capable to 265°C (509°F) for 10 seconds

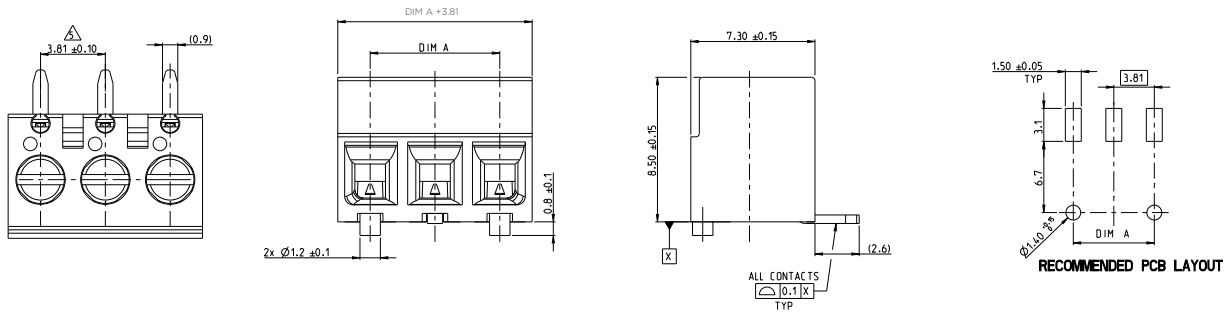
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, SMD VERSION TERMINAL BLOCK - 3.81 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

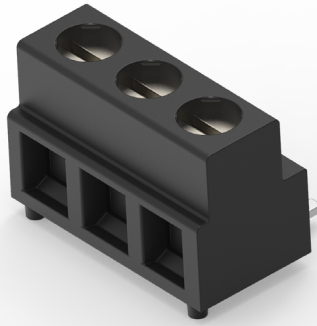
No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	7.62 (0.30)	2383945-2
3	11.43 (0.45)	2383945-3
4	15.24 (0.60)	2383945-4
5	19.05 (0.75)	2383945-5
6	22.86 (0.90)	2383945-6
7	26.67 (1.05)	2383945-7
8	30.48 (1.20)	2383945-8
9	34.29 (1.35)	2383945-9
10	38.10 (1.50)	1-2383945-0
11	41.9 (1.64)	1-2383945-1
12	45.72 (1.80)	1-2383945-2

*Wave solder process capable to 265°C (509°F) for 10 seconds

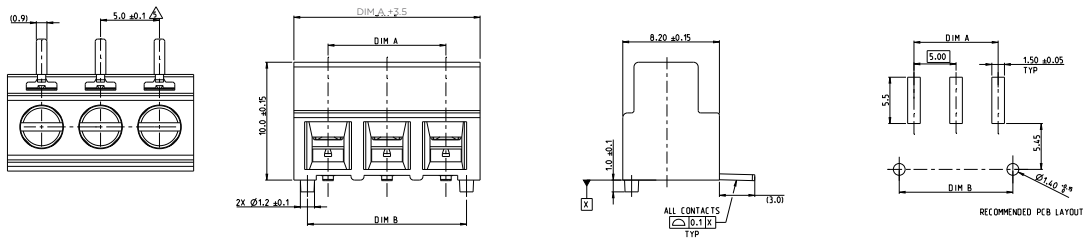
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, SMD VERSION TERMINAL BLOCK - 5.0 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



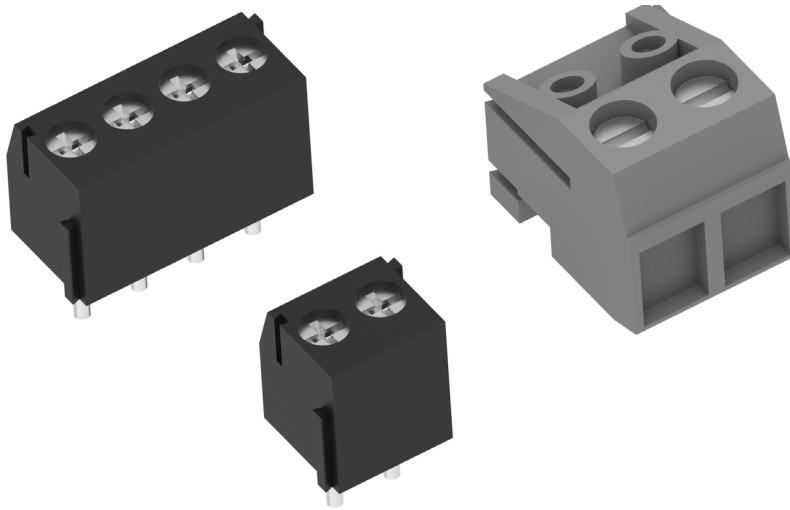
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	10.80 (0.43)	2383938-2
3	15.80 (0.62)	2383938-3
4	20.80 (0.82)	2383938-4
5	25.80 (1.02)	2383938-5
6	30.80 (1.21)	2383938-6
7	35.80 (1.41)	2383938-7
8	40.80 (1.61)	2383938-8
9	45.80 (1.80)	2383938-9
10	50.80 (2.00)	1-2383938-0
11	55.80 (2.19)	1-2383938-1
12	60.80 (2.39)	1-2383938-2
4	20.80 (0.82)	5-2383938-4

*Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

PCB MOUNT, WIRE PROTECTOR VERSIONS TERMINAL BLOCKS



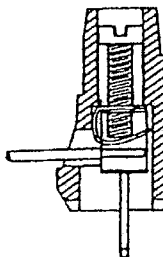
INTRODUCTION

Has full wire guard protection so that the screw does not press directly on the wire. Offers “Lower Profile” terminal block than the cage clamp style. Designed for infrequent terminations.

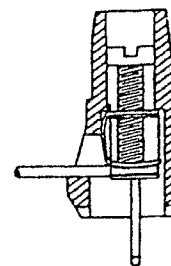
The screw is able to accommodate both Slot head and Phillips style screwdrivers.

PRODUCT FACTS

- Modular configuration designed with a dovetail and special detent to provide a more reliable attachment after combining smaller sizes to increase the number of available wire positions
- Accepts various wire ranges from 14-22 AWG
- Exceptional UL Flammability Classification. All are rated to a flammability classification of UL 94V-0. To achieve the UL94V-0 classification, all materials are tested and proven to be self-extinguishing
- UL Recognition File No. E28476
- CSA Certification File No. 209071
- Pitches Available
 - 5.0 mm and 5.08 mm Low Profile
 - Side and top wire entry
 - 3.5 mm Side Entry Only
 - 5.00 mm
 - 5.0 mm and 5.08 mm 45° wire entry
- Various position sizes available
- Ink marking available
- Other colors available upon request other than those listed in catalog



Open



Closed

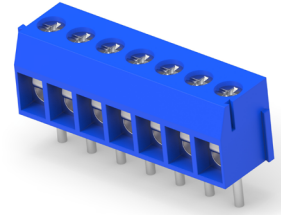
BUCHANAN TERMINAL BLOCKS

PCB MOUNT, STRAIGHT, SIDE WIRE ENTRY CONNECTORS

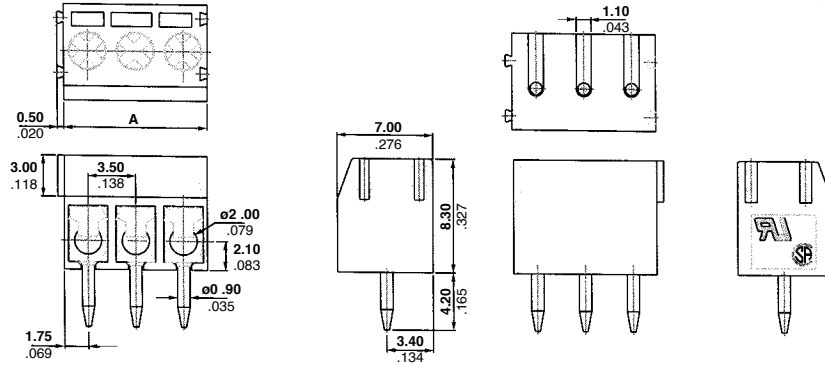
TERMINAL BLOCK PCB MOUNT SIDE WIRE ENTRY W/INTERLOCK 3.5 mm PITCH (LT)

Color - Blue

UL Rating - 250 V, 7 A 18-26 AWG



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A	Part Numbers
2	7.00 (0.276)	1776275-2
3	10.50 (0.413)	1776275-3
4	14.00 (0.551)	1776275-4
5	17.50 (0.689)	1776275-5
6	21.00 (0.827)	1776275-6
10	35.00 (1.378)	1-1776275-0
11	38.50 (1.516)	1-1776275-1
12	42.00 (1.654)	1-1776275-2

Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

PCB MOUNT, SCREWLESS TERMINAL BLOCKS

INTRODUCTION

Screwless Terminal Blocks are suitable for both solid and stranded wires and offers a fast way to complete wire connections. The lever is fully integrated into the body of the terminal block, which means no special tools are required. The spring is made from stainless steel strip so that there is a strong connection.

PRODUCT FACTS

- Available in 5.0 mm (0.197) and 5.08 mm (0.200) pitch sizes
- Wire range 14-22 AWG
- Current capability: 10 A (5.08 mm (0.200) lever version)
- Vertical and right-angle wire insertion provides options to meet different application needs
- No special tool required, levers can be easily actuated with a finger or a screwdriver
- Screwless saves time when installing wires
- UL Recognition
- CSA Certification

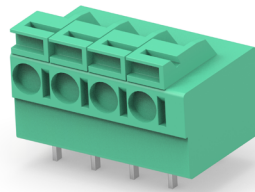
MATERIAL & FINISH

- **Housing Material** - Thermoplastic polyester
- **Flammability** - UL94V-0
- **Color** - Black
- **Clamping Terminal and Solder Pin** - Acid-tin over copper alloy

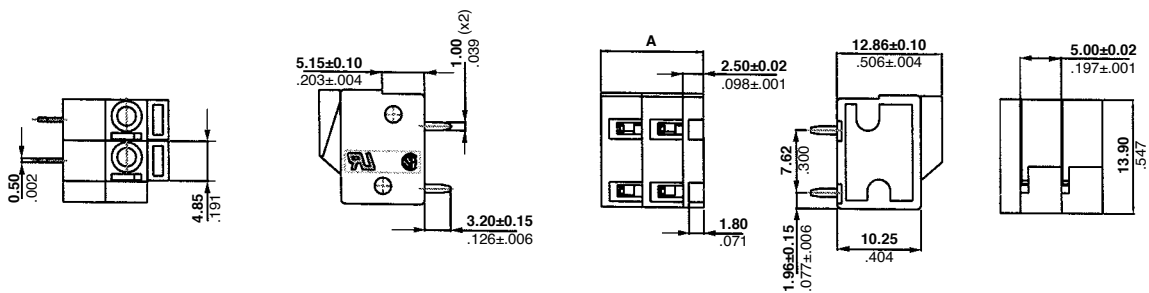
SCREWLESS, SIDE WIRE ENTRY CONNECTORS

BOARD MOUNT SCREWLESS, 5.0 mm PITCH, SIDE WIRE ENTRY, TERMINAL BLOCK

UL Rating - 300 V, 10 A 14-22 AWG



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A	Part Numbers
2	12.50 (0.492)	1776261-2
4	22.50 (0.886)	1776261-4
8	42.50 (1.673)	1776261-8
12	62.50 (2.461)	1-1776261-2

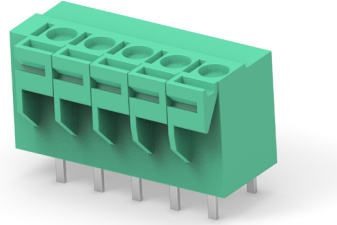
Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

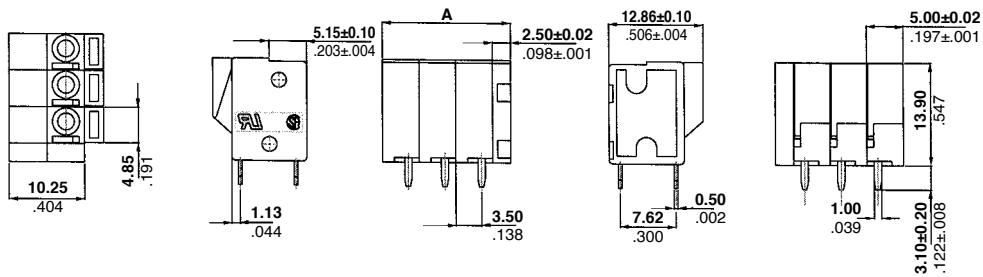
SCREWLESS, TOP WIRE ENTRY CONNECTORS

BOARD MOUNT SCREWLESS, 5.0 mm PITCH, TOP WIRE ENTRY, TERMINAL BLOCK COLOR - GREEN

UL Rating - 300 V, 10 A 14-22 AWG



Dimension [Unit: mm(in)]



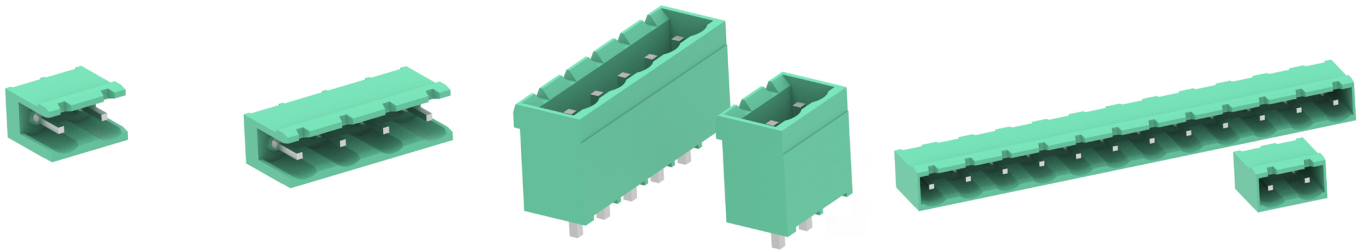
PRODUCT INFORMATION

No. of Positions	Dim. A	Part Numbers
2	12.50 (0.492)	1776259-2
3	17.50 (0.689)	1776259-3
4	22.50 (0.886)	1776259-4
5	27.50 (1.083)	1776259-5
6	32.50 (1.280)	1776259-6
7	37.50 (1.476)	1776259-7
8	42.50 (1.673)	1776259-8
12	62.50 (2.461)	1-1776259-2

Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK CONNECTORS



INTRODUCTION

TE currently provides a full range of two-piece modular terminal blocks for headers with 3.5, 3.81, 5.0, 5.08, 7.5, 7.62, 10.0 and 10.16 mm centerline.

PRODUCT FACTS

- 3.5, 3.81, 5.0, 5.08, 7.5, 7.62, 10.0 and 10.16 mm centerlines
- Straight and right-angle shrouded headers with open or closed ends
- Double-sided female contact design
- Built-in interlocks to assemble higher number of ways
- Retention latches between plug and header
- Polarization keys for easier mating
- Special 90°/180° and 90°/270° Plugs and Unshrouded Headers (5.0 and 10.0mm Centerline)
- Interchangeable with existing products of most terminal block suppliers
- PC board footprint fully compatible with existing Industry Standards: pc board thickness 1.6–2.4 mm
- 2-3-4 way modules with interlocking fixture, 3.5, 3.81, 5.0 and 5.08 mm centerline, to assemble higher number of ways
- Polarizing keys promote proper mating (page 166 for keys and page 165 for labeling)
- Straight and right-angle headers
- Stackable open end headers
- Closed end headers
- Retention latch between plug and header housings
- Rising cage clamp design
- Double-sided contact spring
- Funnel entry plug housing for easier wire insertion
- Captive screw
- Plugs supplied with open screw
- Screw flange versions available on 3.5, 3.81, 5.0, and 5.08 mm centerlines
- 5.0 and 10.0 mm centerlines
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E60677
- Certified by Canadian Standards Association, File No. 703157
- Interchangeable with most existing products

- PC board footprint compatible with the existing Industry Standards
- Rising cage clamp design
- Funnel entry housing for easier wire insertion
- Test probe access
- Terminal blocks supplied with open captive screws
- Adhesive labeling for numbering

MATERIALS

- Housing Material - Polyamide 6/6, UL 94V-0 rated
- Male Contact - Brass, tin plated
- Female Contact - Phosphor bronze, tin plated
- Screw Clamp - Brass, nickel plated
- Screw - Brass, nickel plated

Two-Piece Header and Plug

Centerline	No. of Positions
3.50 (0.138)*	2-25
3.81 (0.150)*	2-25
5.0 (0.197)*	2-25
5.08 (0.200)*	2-25
7.50 (0.295)	2-12
7.62 (0.300)	2-12
10.00 (0.394)	2-13
10.16 (0.400)	2-13

*Flanged versions may not reflect standard position size.

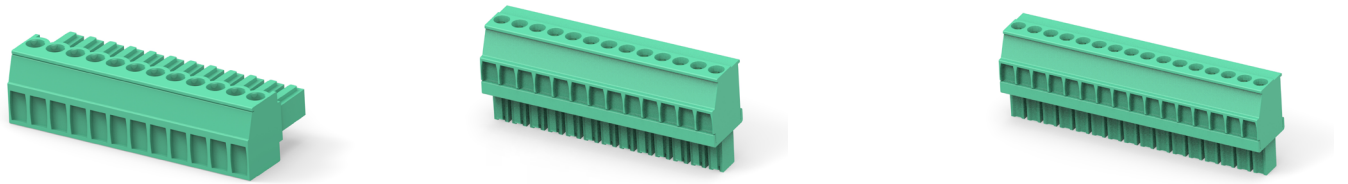
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG - 3.5 mm PITCH

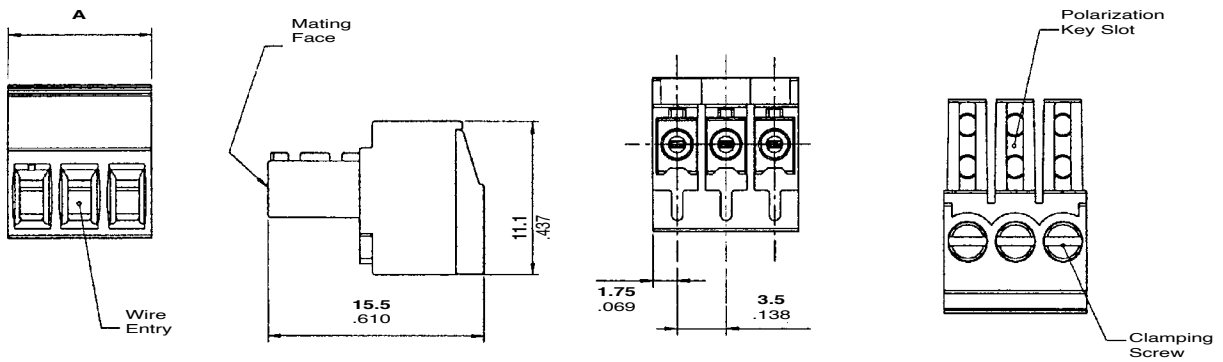
RIGHT-ANGLE

VERTICAL RIGHT HAND

VERTICAL LEFT HAND



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

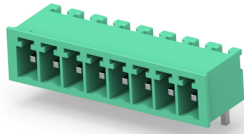
No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	7.0 (0.28)	284506-2	1986370-2	1986371-2
3	10.5 (0.41)	284506-3	1986370-3	1986371-3
4	14.0 (0.55)	284506-4	1986370-4	1986371-4
5	17.5 (0.68)	284506-5	1986370-5	1986371-5
6	21.0 (0.82)	284506-6	1986370-6	1986371-6
7	24.5 (0.96)	284506-7	1986370-7	1986371-7
8	28.0 (1.10)	284506-8	1986370-8	1986371-8
9	31.5 (1.24)	284506-9	1986370-9	1986371-9
10	35.0 (1.38)	1-284506-0	1-1986370-0	1-1986371-0
11	38.5 (1.52)	1-284506-1	-	1-1986371-1
12	42.0 (1.65)	1-284506-2	1-1986370-2	1-1986371-2
13	45.5 (1.79)	1-284506-3	-	1-1986371-3
14	49.0 (1.93)	1-284506-4	-	1-1986371-4
15	52.5 (2.07)	1-284506-5	-	-
16	56.0 (2.20)	1-284506-6	1-1986370-6	1-1986371-6

Note: BUCHANAN Terminal Block 284506* has been superseded/replaced with 796693* (blue).

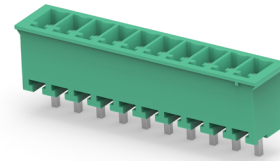
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSE ENDS - 3.5 mm PITCH

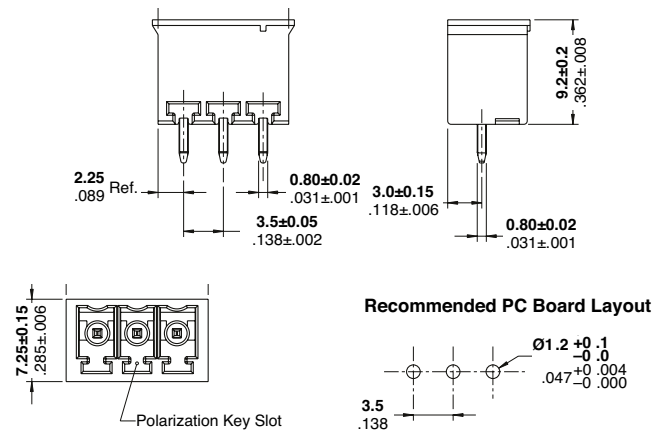
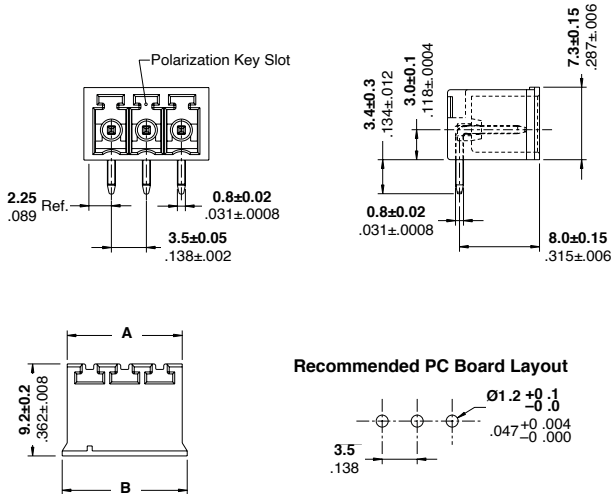
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	8.0 (0.32)	284512-2	-
3	11.5 (0.45)	284512-3	284514-3
4	15.0 (0.59)	284512-4	284514-4
5	18.5 (0.73)	284512-5	284514-5
6	22.0 (0.87)	284512-6	284514-6
7	25.5 (1.00)	284512-7	284514-7
8	29.0 (1.14)	284512-8	284514-8
9	32.5 (1.28)	284512-9	284514-9
10	36.0 (1.42)	1-284512-0	1-284514-0
11	39.5 (1.56)	1-284512-1	1-284514-1
12	43.0 (1.69)	1-284512-2	1-284514-2
14	50.0 (1.97)	1-284512-4	-
16	57.0 (2.24)	1-284512-6	1-284514-6
19	67.5 (2.65)	-	1-284514-9

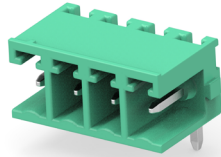
Notes:

1. BUCHANAN Terminal Block 284512* has been replaced with Part Number 796695* (blue).
2. BUCHANAN Terminal Block 284514* has been replaced with Part Number 796694* (blue).

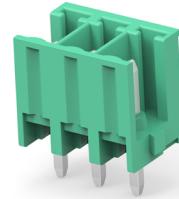
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR HEADER WITH OPEN ENDS - 3.5 mm PITCH

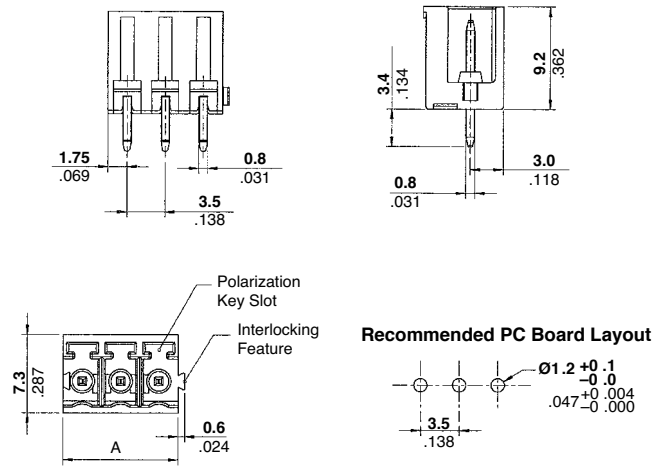
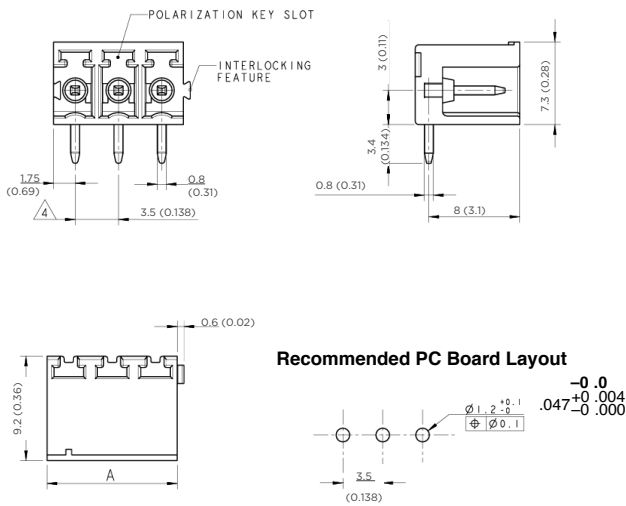
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



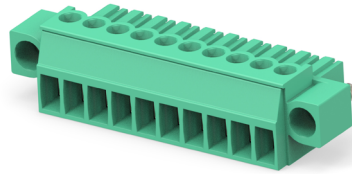
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	7.0 (0.27)	284540-2	284515-2
3	10.5 (0.41)	284540-3	284515-3
4	14.0 (0.55)	284540-4	-
5	17.5 (0.68)	284540-5	-
6	21.0 (0.82)	284540-6	-
12	42.0 (1.65)	1-284540-2	1-284515-2

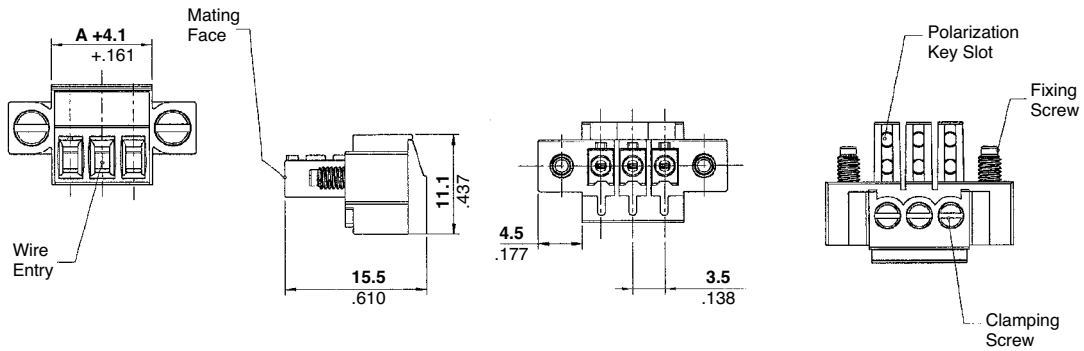
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, PLUG WITH SCREW FLANGE - 3.5 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

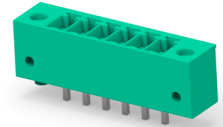
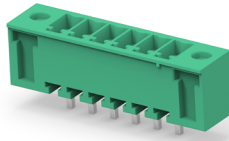
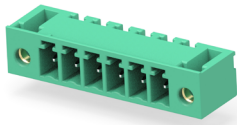
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	3.5 (0.13)	284510-2
3	7.0 (0.27)	284510-3
4	10.5 (0.41)	284510-4
5	14.0 (0.55)	284510-5
6	17.5 (0.69)	284510-6
7	21.0 (0.82)	284510-7
8	24.5 (0.96)	284510-8
9	28.0 (1.10)	284510-9
10	31.5 (1.24)	1-284510-0
12	38.5 (1.51)	1-284510-2

BUCHANAN TERMINAL BLOCKS

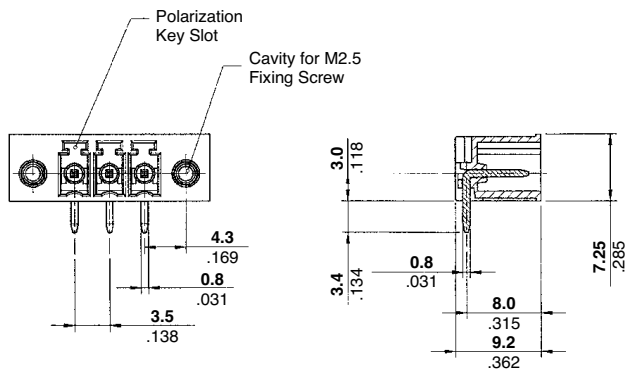
TWO-PIECE TERMINAL BLOCK, WITH SCREW FLANGE - 3.5 mm PITCH

RIGHT-ANGLE

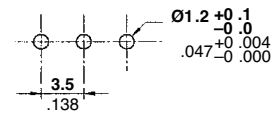
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



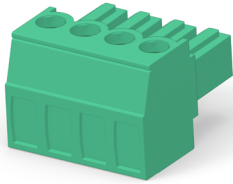
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	3.5 (0.14)	284539-2	284516-2	1986799-2
3	7.0 (0.28)	284539-3	284516-3	-
4	10.5 (0.41)	284539-4	284516-4	1986799-4
5	14.0 (0.55)	284539-5	284516-5	-
6	17.5 (0.69)	284539-6	284516-6	1986799-6
7	21.0 (0.83)	284539-7	284516-7	-
8	24.5 (0.96)	284539-8	284516-8	-
9	28.0 (1.10)	284539-9	284516-9	1986799-9
10	31.5 (1.24)	1-284539-0	1-284516-0	-
11	35.0 (1.38)	1-284539-1	-	1-1986799-1
12	38.5 (1.52)	1-284539-2	1-284516-2	1-1986799-2
17	56.0 (2.20)	-	-	-
18	59.5 (2.34)	1-284539-8	1-284516-7	-

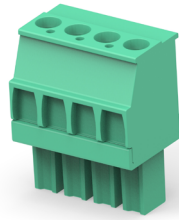
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG - 3.81 mm PITCH

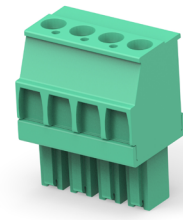
RIGHT-ANGLE



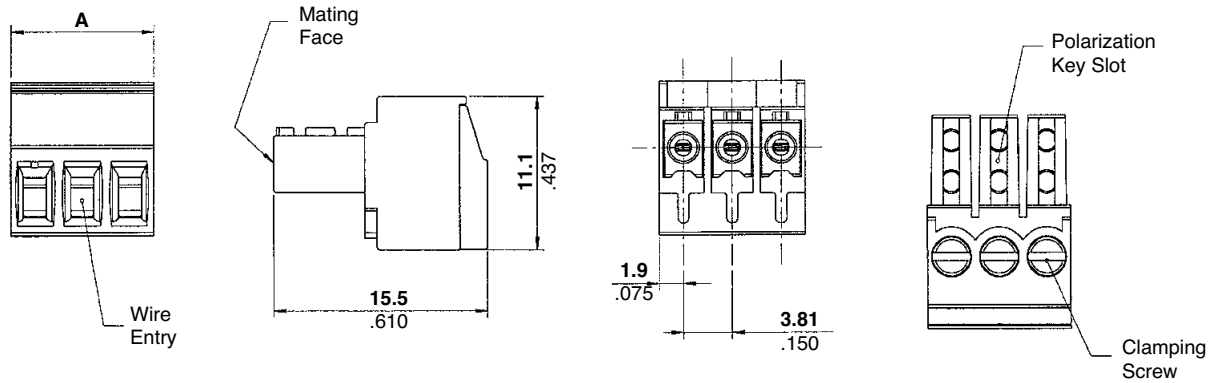
VERTICAL RIGHT HAND



VERTICAL LEFT HAND



Dimension [Unit: mm(in)]



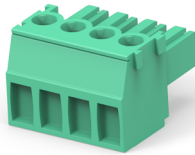
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	7.62 (0.30)	284507-2	1986374-2	1986375-2
3	11.43 (0.45)	284507-3	1986374-3	1986375-3
4	15.24 (0.60)	284507-4	1986374-4	1986375-4
5	19.05 (0.75)	284507-5	1986374-5	1986375-5
6	22.86 (0.90)	284507-6	1986374-6	1986375-6
7	26.67 (1.05)	284507-7	1986374-7	1986375-7
8	30.48 (1.20)	284507-8	1986374-8	1986375-8
9	34.29 (1.35)	284507-9	1986374-9	1986375-9
10	38.10 (1.50)	1-284507-0	1-1986374-0	1-1986375-0
11	41.91 (1.65)	1-284507-1	1-1986374-1	1-1986375-1
12	45.72 (1.80)	1-284507-2	1-1986374-2	1-1986375-2
14	53.34 (2.10)	-	1-1986374-4	1-1986375-4
15	57.15 (2.25)	-	1-1986374-5	-
16	60.96 (2.40)	-	1-1986374-6	1-1986375-6
17	64.77 (2.55)	1-284507-7	-	-
20	76.20 (3.00)	2-284507-0	-	-

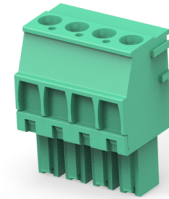
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR PLUG - 3.81 mm PITCH

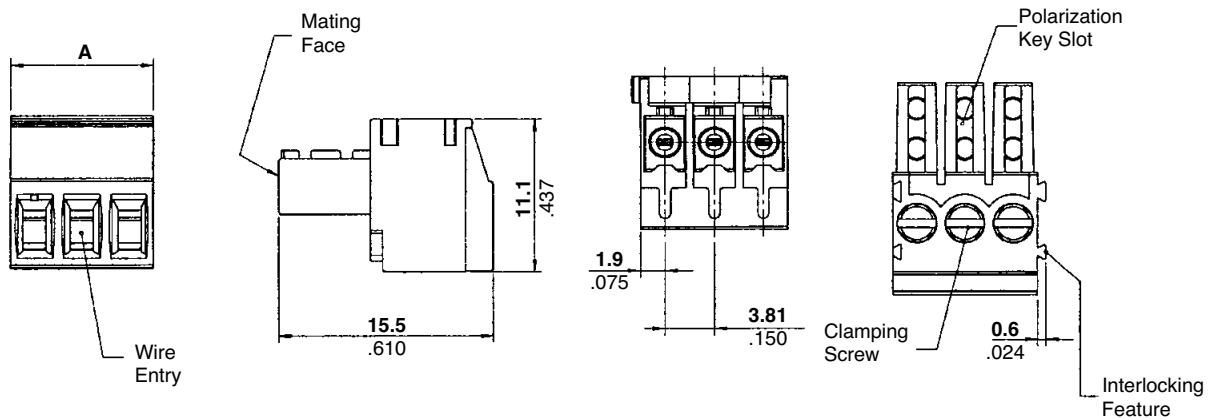
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



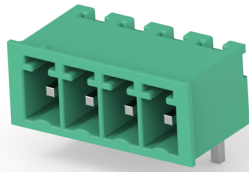
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	7.62 (0.30)	284509-2	1986919-2
3	11.43 (0.45)	284509-3	1986919-3
4	15.24 (0.60)	284509-4	1986919-4
5	19.05 (0.75)	284509-5	1986919-5
6	22.86 (0.90)	284509-6	1986919-6
7	26.67 (1.05)	284509-7	1986919-7
8	30.48 (1.20)	284509-8	1986919-8
9	34.29 (1.35)	284509-9	-
10	38.10 (1.50)	1-284509-0	-
11	41.91 (1.65)	1-284509-1	-
12	45.72 (1.80)	1-284509-2	-
15	57.15 (2.25)	1-284509-5	-

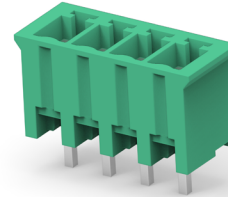
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 3.81 mm PITCH

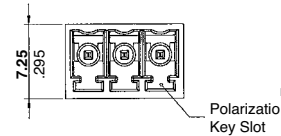
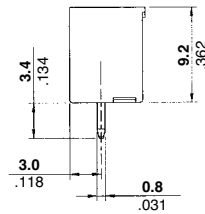
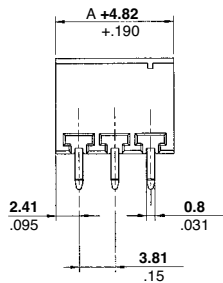
RIGHT-ANGLE



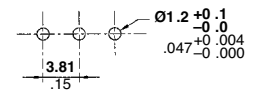
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

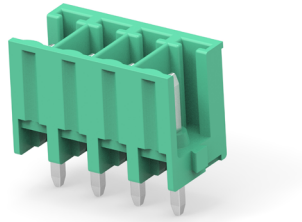
No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	3.81 (0.15)	284513-2	284517-2
3	7.62 (0.30)	284513-3	284517-3
4	11.43 (0.45)	284513-4	284517-4
5	15.24 (0.60)	284513-5	284517-5
6	19.05 (0.75)	284513-6	284517-6
7	22.86 (0.90)	284513-7	284517-7
8	26.67 (1.05)	284513-8	284517-8
9	30.48 (1.20)	284513-9	284517-9
10	34.29 (1.35)	1-284513-0	1-284517-0
11	38.10 (1.50)	1-284513-1	1-284517-1
12	41.91 (1.65)	1-284513-2	1-284517-2
16	60.96 (2.40)	1-284513-6	-
22	83.82 (3.30)	2-284513-2	-
23	87.63 (3.45)	2-284513-3	-
24	91.44 (3.60)	2-284513-4	-
25	95.25 (3.75)	2-284513-5	-

Note: BUCHANAN Terminal Block 284513* has been replaced with Part Number 1986343* (Black)

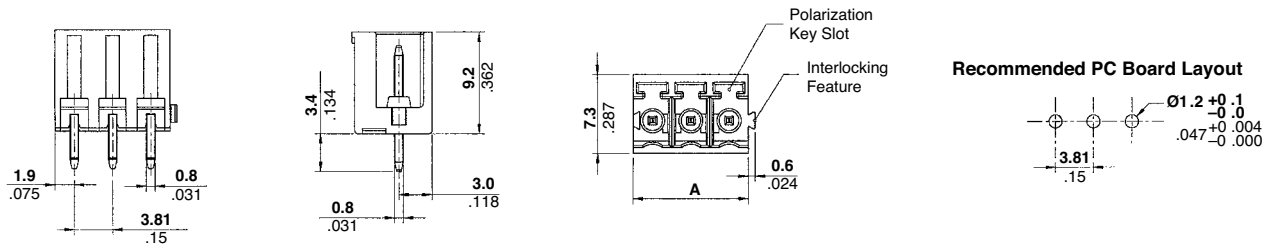
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR HEADER WITH OPEN END - 3.81 mm PITCH

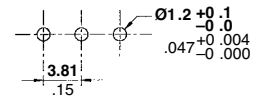
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



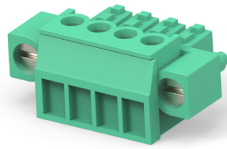
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	7.62 (0.30)	284518-2
3	11.43 (0.45)	284518-3
4	15.24 (0.60)	284518-4
5	19.05 (0.75)	284518-5
6	22.86 (0.90)	284518-6
7	26.67 (1.05)	284518-7
8	30.48 (1.20)	284518-8
9	34.29 (1.35)	284518-9

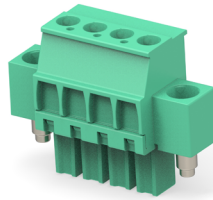
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, PLUG, WITH SCREW FLANGE - 3.81 mm PITCH

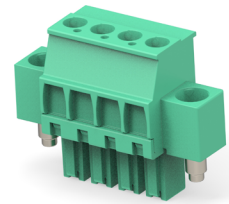
RIGHT-ANGLE



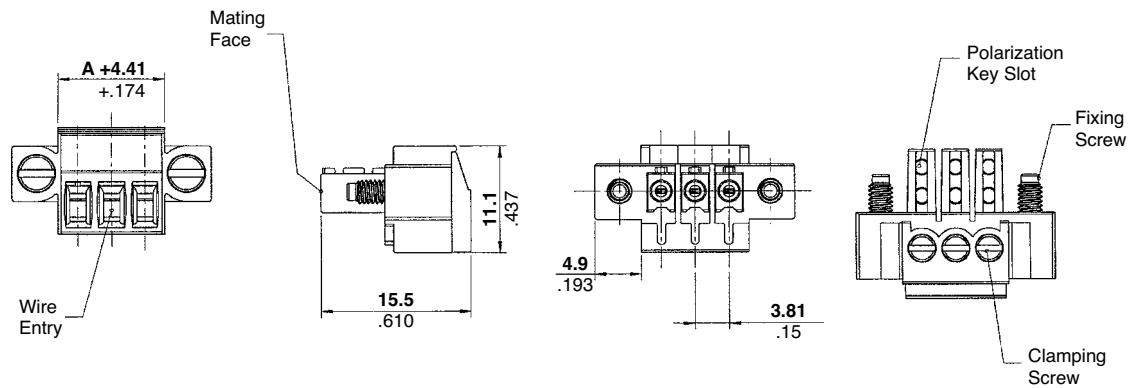
VERTICAL - RIGHT HAND



VERTICAL - LEFT HAND



Dimension [Unit: mm(in)]



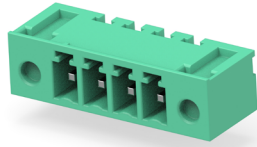
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	3.81 (0.15)	284511-2	1986820-2	-
3	7.62 (0.30)	284511-3	-	1986822-3
4	11.43 (0.45)	284511-4	-	1986822-4
5	15.24 (0.60)	284511-5	-	-
6	19.05 (0.75)	284511-6	-	-
7	22.86 (0.90)	284511-7	-	-
8	26.67 (1.05)	284511-8	-	-
9	30.48 (1.20)	284511-9	-	-
10	34.29 (1.35)	1-284511-0	-	-
11	38.10 (1.50)	1-284511-1	-	-
12	41.91 (1.65)	1-284511-2	1-1986820-2	-
13	45.72 (1.80)	1-284511-3	-	-
14	49.53 (1.95)	1-284511-4	-	-
15	53.34 (2.10)	1-284511-5	-	-
16	57.15 (2.25)	1-284511-6	-	-

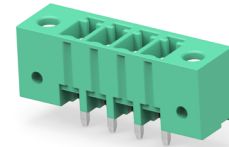
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH SCREW FLANGE - 3.81 mm PITCH

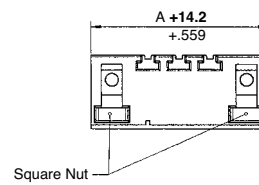
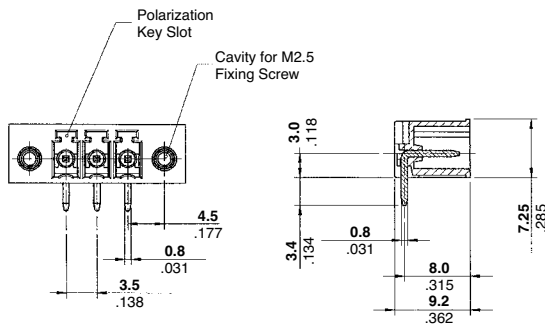
RIGHT-ANGLE



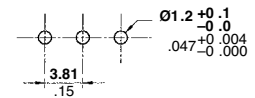
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



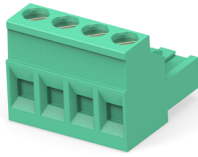
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	3.81 (0.15)	284541-2	284519-2
3	7.62 (0.30)	284541-3	284519-3
4	11.43 (0.45)	284541-4	284519-4
5	15.24 (0.60)	284541-5	284519-5
6	19.05 (0.75)	284541-6	284519-6
7	22.86 (0.90)	284541-7	284519-7
8	26.67 (1.05)	284541-8	284519-8
9	30.48 (1.20)	284541-9	284519-9
10	34.29 (1.35)	1-284541-0	1-284519-0
11	38.10 (1.50)	1-284541-1	1-284519-1
12	41.91 (1.65)	1-284541-2	1-284519-2
15	53.34 (2.10)	1-284541-5	-
16	57.15 (2.25)	-	1-284519-6

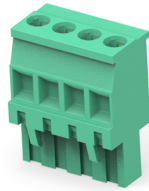
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG WITH LATCHES - 5.0 mm PITCH

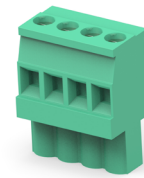
RIGHT-ANGLE



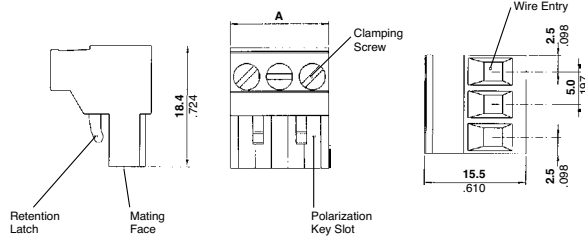
VERTICAL LEFT HAND



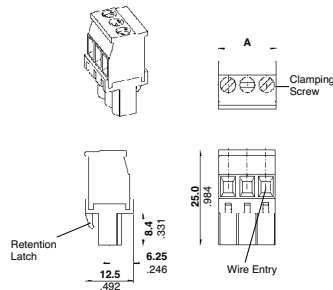
VERTICAL RIGHT HAND



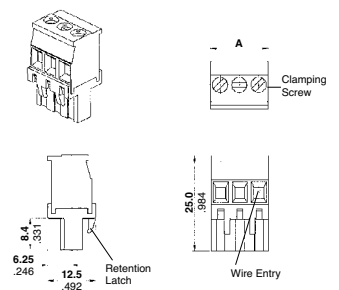
Dimension [Unit: mm(in)]



Left-Hand Version



Right-Hand Version



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	10.0 (0.39)	796640-2	284040-2	284046-2
3	15.0 (0.59)	796640-3	284040-3	284046-3
4	20.0 (0.79)	796640-4	284040-4	284046-4
5	25.0 (0.98)	796640-5	284040-5	284046-5
6	30.0 (1.18)	796640-6	284040-6	284046-6
7	35.0 (1.38)	796640-7	284040-7	284046-7
8	40.0 (1.57)	796640-8	284040-8	284046-8
9	45.0 (1.77)	796640-9	284040-9	284046-9
10	50.0 (1.97)	1-796640-0	1-284040-0	1-284046-0
11	55.0 (2.17)	1-796640-1	-	1-284046-1
12	60.0 (2.36)	1-796640-2	1-284040-2	1-284046-2
13	65.0 (2.56)	1-796640-3	-	-
14	70.0 (2.76)	1-796640-4	-	-
15	75.0 (2.95)	-	-	-
16	80.0 (3.15)	1-796640-6	-	1-284046-6
18	90.0 (3.54)	1-796640-8	-	-
18	90.0 (3.54)	-	-	3-284046-7
14	70.0 (2.76)	4-796640-7*	-	-
2	10.0 (0.39)	5-796640-8	-	-
14	70.0 (2.76)	6-796640-4	-	-

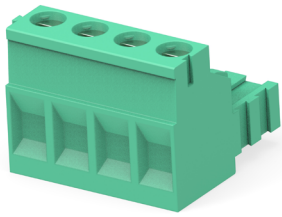
Notes:

1. BUCHANAN Terminal Block 284040* has been replaced with 1546223* (Gray) and 1546118* (Black)
2. BUCHANAN Terminal Block 284046* has been replaced with 1546625* (Black)

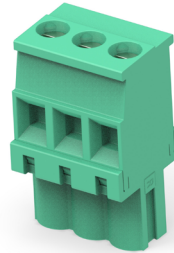
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR PLUG WITH LATCHES - 5.0 mm PITCH

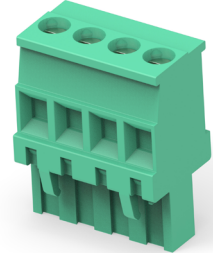
RIGHT-ANGLE



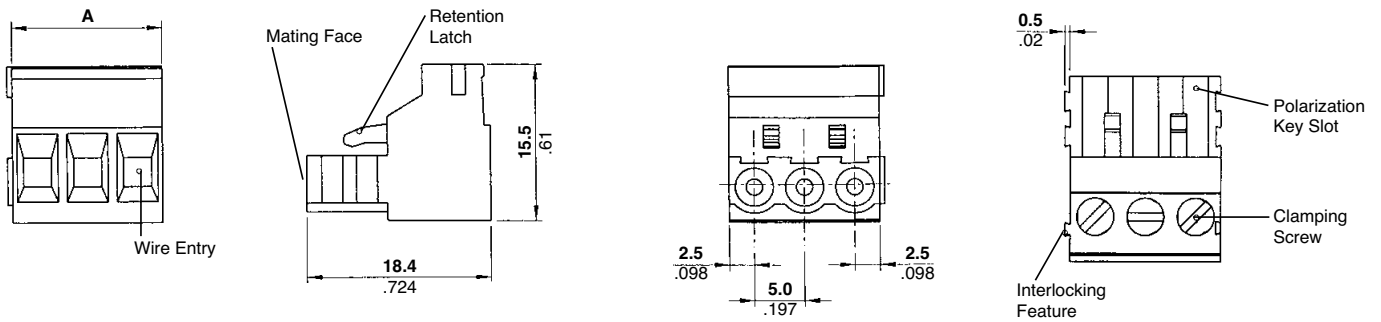
VERTICAL LEFT HAND



VERTICAL RIGHT HAND



Dimension [Unit: mm(in)]



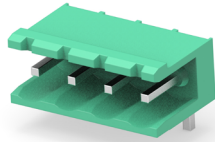
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	10.00 (0.39)	282805-2	1986976-2	1986978-2
3	15.00 (0.59)	282805-3	1986976-3	1986978-3
4	20.00 (0.79)	282805-4	1986976-4	1986978-4
5	25.00 (0.98)	-	1986976-5	1986978-5
6	30.00 (1.18)	-	1986976-6	1986978-6
7	35.00 (1.38)	-	1986976-7	1986978-7
8	40.00 (1.57)	-	1986976-8	1986978-8

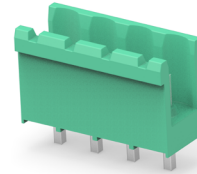
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE HEADER WITH OPEN ENDS - 5.0 mm PITCH

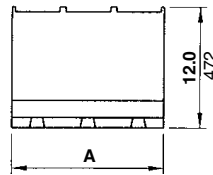
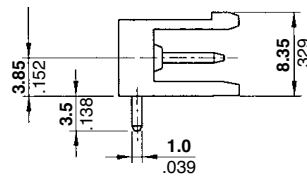
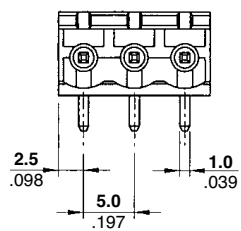
RIGHT-ANGLE



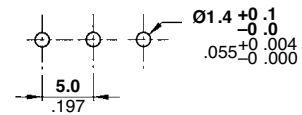
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.0 (0.394)	282812-2	282822-2
3	15.0 (0.591)	282812-3	282822-3
4	20.0 (0.787)	282812-4	282822-4
5	25.0 (0.984)	282812-5	282822-5
6	30.0 (1.181)	282812-6	282822-6
7	35.0 (1.378)	282812-7	282822-7
8	40.0 (1.575)	282812-8	282822-8
9	45.0 (1.772)	282812-9	282822-9
10	50.0 (1.969)	1-282812-0	1-282822-0
11	55.0 (2.165)	-	1-282822-1
12	60.0 (2.362)	1-282812-2	1-282822-2
14	70.0 (2.756)	1-282812-4	1-282822-4
16	80.0 (3.150)	-	1-282822-6
17	85.0 (3.346)	-	1-282822-7
18	90.0 (3.543)	-	1-282822-8
20	100.0 (3.937)	-	2-282822-0
22	110.0 (4.331)	-	2-282822-2

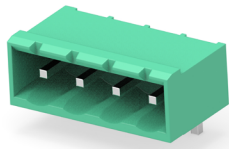
Notes:

1. BUCHANAN Terminal Block 282812* has been replaced with 796698* (blue).
2. BUCHANAN Terminal Block 282822* has been replaced with 1546175* (Black)

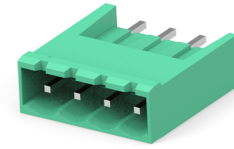
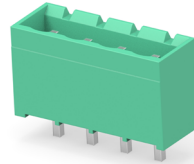
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 5.0 mm PITCH

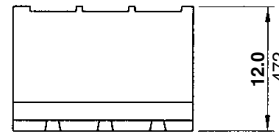
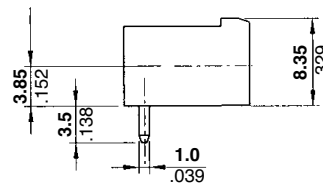
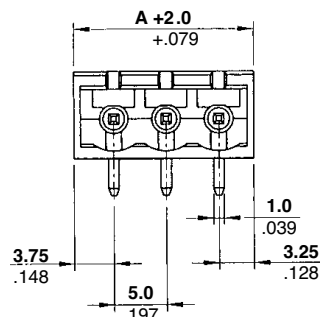
RIGHT-ANGLE



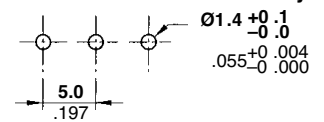
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	10.0 (0.394)	796644-2	1986525-2	796642-2
3	15.0 (0.591)	796644-3	-	796642-3
4	20.0 (0.787)	796644-4	1986525-4	796642-4
5	25.0 (0.984)	796644-5	-	796642-5
6	30.0 (1.181)	796644-6	-	796642-6
7	35.0 (1.378)	796644-7	-	796642-7
8	40.0 (1.575)	796644-8	-	796642-8
9	45.0 (1.772)	796644-9	-	796642-9
10	50.0 (1.968)	1-796644-0	-	1-796642-0
11	55.0 (2.165)	1-796644-1	-	-
12	60.0 (2.362)	1-796644-2	-	1-796642-2
13	65.0 (2.559)	1-796644-3	-	-
14	70.0 (2.756)	1-796644-4	-	1-796642-4
15	75.0 (2.953)	1-796644-5	-	-
16	80.0 (3.150)	1-796644-6	-	1-796642-6
18	90.0 (3.543)	1-796644-8	-	1-796642-8
7	35.0 (1.378)	-	3-1986525-2	3-796642-2

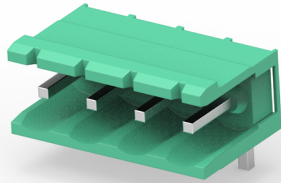
Notes :

1. BUCHANAN Terminal Block 796642* has been replaced with 1546211* (Grey) And 796643* (Black)
2. BUCHANAN Terminal Block 796644* has been replaced with 1986341* from black to orange and 1986342* (Red)

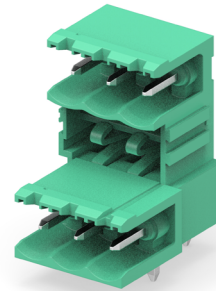
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR HEADER WITH OPEN ENDS - 5.0 mm PITCH

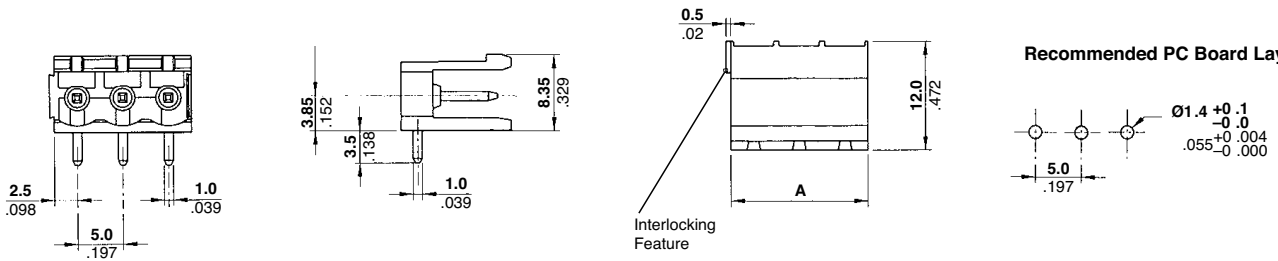
RIGHT-ANGLE



RIGHT-ANGLE, MULTI-LEVEL HEADER



Dimension [Unit: mm(in)]



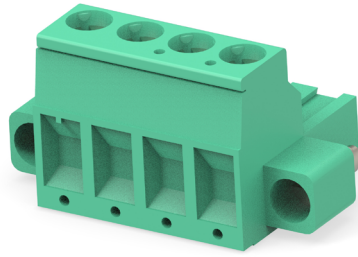
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	90°
2	10.0 (0.394)	282811-2	284052-2
3	15.0 (0.591)	282811-3	284052-3
4	20.0 (0.787)	282811-4	-

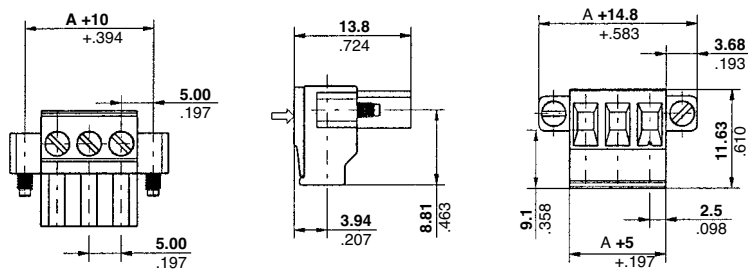
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, PLUG WITH SCREW FLANGE - 5.0 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



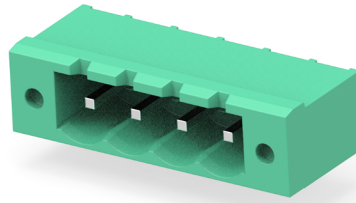
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	5.0 (0.197)	796858-2
3	10.0 (0.394)	796858-3
4	15.0 (0.591)	796858-4
5	20.0 (0.787)	796858-5
6	25.0 (0.984)	796858-6
7	30.0 (1.181)	796858-7
8	35.0 (1.378)	796858-8
9	40.0 (1.575)	796858-9

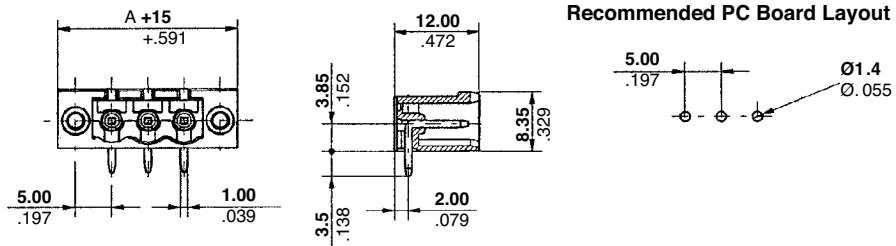
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH SCREW FLANGE - 5.0 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



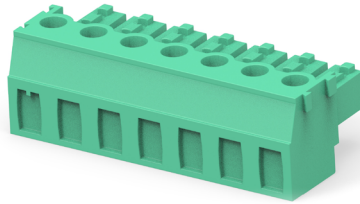
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	5.0 (0.197)	796864-2
3	10.0 (0.394)	796864-3
4	15.0 (0.591)	796864-4
5	20.0 (0.787)	796864-5
6	25.0 (0.984)	796864-6
7	30.0 (1.181)	796864-7
8	35.0 (1.378)	796864-8
9	40.0 (1.575)	796864-9

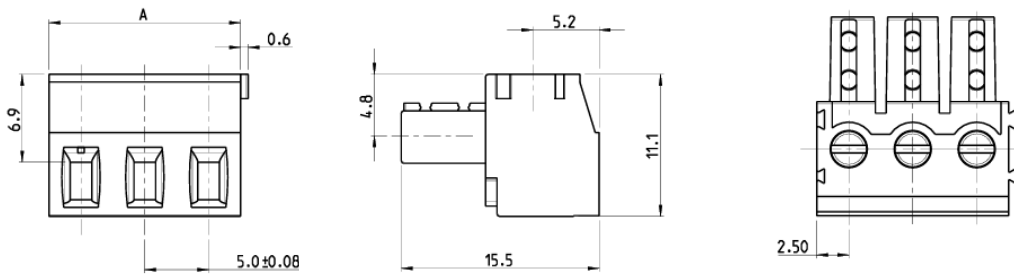
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR PLUG - 5.0 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



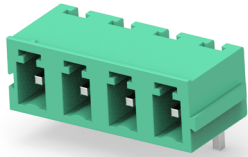
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.0 (0.394)	1986909-2
3	15.0 (0.591)	1986909-3
4	20.0 (0.787)	1986909-4
5	25.0 (0.984)	1986909-5
6	30.0 (1.181)	1986909-6
7	35.0 (1.378)	1986909-7
8	40.0 (1.575)	1986909-8

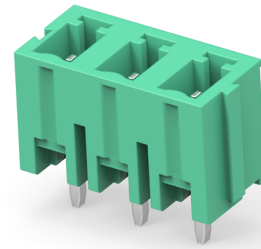
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR HEADER WITH CLOSE ENDS - 5.0 mm PITCH

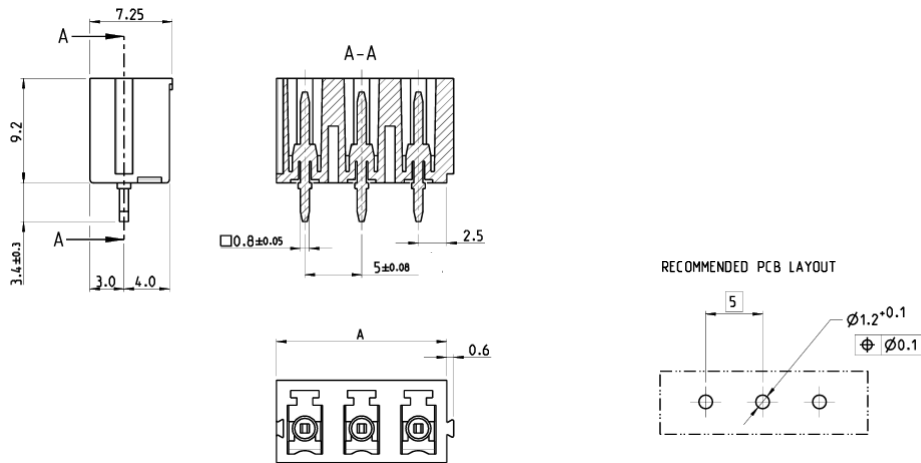
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



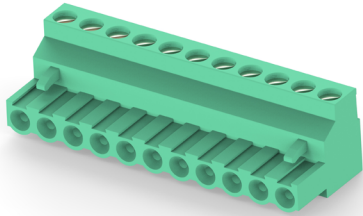
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.0 (0.394)	1986931-2	1986925-2
3	15.0 (0.591)	1986931-3	1986925-3
4	20.0 (0.787)	1986931-4	1986925-4
5	25.0 (0.984)	1986931-5	1986925-5
6	30.0 (1.181)	1986931-6	1986925-6
7	35.0 (1.378)	1986931-7	1986925-7
8	40.0 (1.575)	1986931-8	1986925-8

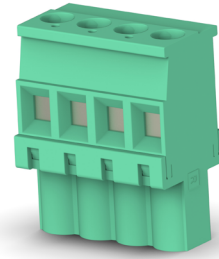
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG WITH LATCHES - 5.08 mm PITCH

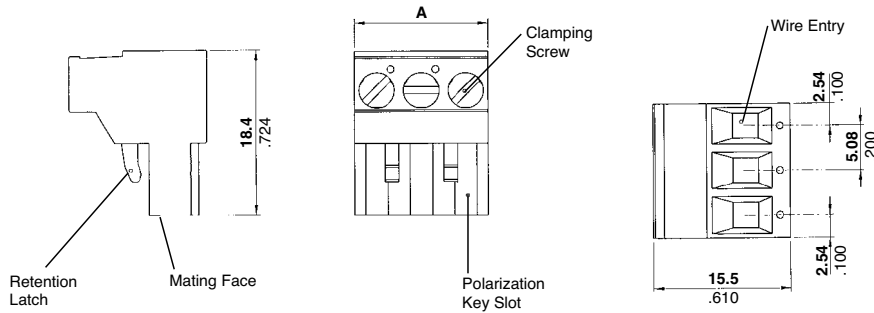
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.16 (0.40)	796634-2	-
3	15.24 (0.60)	796634-3	-
4	20.32 (0.80)	796634-4	2368813-4
5	25.40 (1.00)	796634-5	-
6	30.48 (1.20)	796634-6	-
7	35.56 (1.40)	796634-7	-
8	40.64 (1.60)	796634-8	-
9	45.72 (1.80)	796634-9	-
10	50.80 (2.00)	1-796634-0	-
11	55.88 (2.20)	1-796634-1	-
12	60.96 (2.40)	1-796634-2	-
13	66.04 (2.60)	1-796634-3	-
14	71.12 (2.80)	1-796634-4	-
15	76.20 (3.00)	1-796634-5	-
16	81.28 (3.20)	1-796634-6	-
17	86.36 (3.40)	1-796634-7	-
18	91.44 (3.60)	1-796634-8	-
19	96.52 (3.80)	1-796634-9	-
20	101.60 (4.00)	2-796634-0	-
21	106.68 (4.20)	2-796634-1	-
22	111.76 (4.40)	2-796634-2	-

BUCHANAN TERMINAL BLOCKS

PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
23	116.84 (4.60)	2-796634-3	-
24	121.92 (4.80)	2-796634-4	-
25	127.00 (5.00)	2-796634-5	-
8	40.64 (1.60)	2-796634-7	-
10	50.80 (2.00)	2-796634-8	-
16	81.28 (3.20)	3-796634-9	-
11	55.88 (2.20)	4-796634-1	-
9	45.72 (1.80)	4-796634-9	-
2	10.16 (0.40)	6-796634-2	-
3	15.24 (0.60)	6-796634-4	-
16	81.28 (3.20)	6-796634-7	-
18	91.44 (3.60)	6-796634-8	-
2	10.16 (0.40)	7-796634-0	-
3	15.24 (0.60)	7-796634-1	-
17	86.36 (3.40)	8-796634-4	-

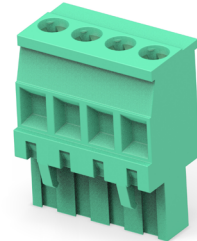
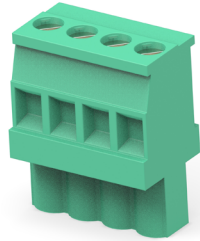
Note: BUCHANAN Terminal Block 796634* has been replaced with 1546108* (Gray) and 796635* (Black)

BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG WITH LATCHES - 5.08 mm PITCH

VERTICAL - LEFT HAND

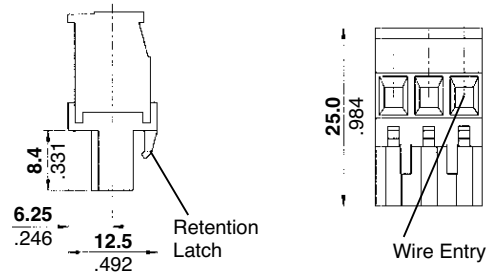
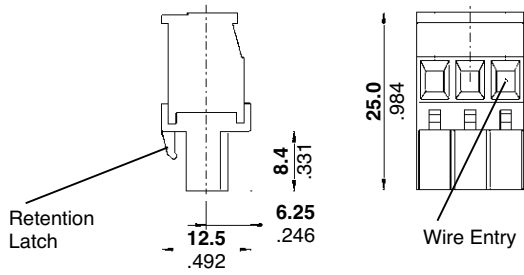
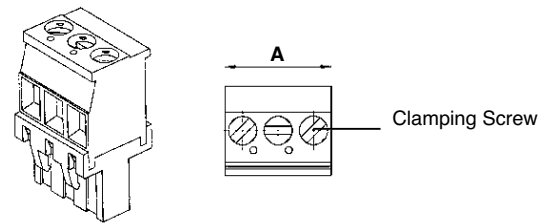
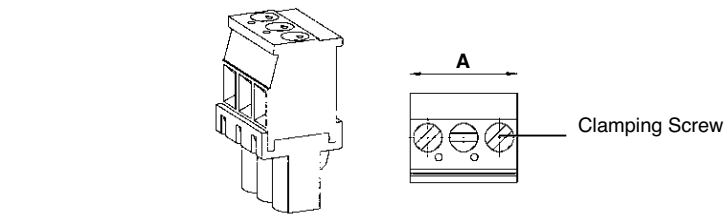
VERTICAL - RIGHT HAND



Dimension [Unit: mm(in)]

Left-Hand Version

Right-Hand Version



BUCHANAN TERMINAL BLOCKS

PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		180°	180°
2	10.16 (0.400)	284047-2	284041-2
3	15.24 (0.600)	284047-3	284041-3
4	20.32 (0.800)	284047-4	284041-4
5	25.40 (1.000)	284047-5	284041-5
6	30.48 (1.200)	284047-6	284041-6
7	35.56 (1.400)	284047-7	284041-7
8	40.64 (1.600)	284047-8	284041-8
9	45.72 (1.800)	284047-9	284041-9
10	50.80 (2.000)	1-284047-0	1-284041-0
11	55.88 (2.200)	1-284047-1	1-284041-1
12	60.96 (2.400)	1-284047-2	1-284041-2
14	71.12 (2.800)	1-284047-4	1-284041-4
16	81.28 (3.200)	1-284047-6	1-284041-6
18	91.44 (3.600)	1-284047-8	-
24	121.92 (4.800)	2-284047-4	-
18	91.44 (3.600)	2-284047-9	2-284041-9
18	91.44 (3.600)	3-284047-0	-
24	121.92 (4.800)	3-284047-1	-
12	60.96 (2.400)	-	3-284041-4
16	81.28 (3.200)	3-284047-5	-
16	81.28 (3.200)	3-284047-6	-
24	121.92 (4.800)	3-284047-7	-
21	106.68 (4.200)	4-284047-0	-
21	106.68 (4.200)	4-284047-1	-

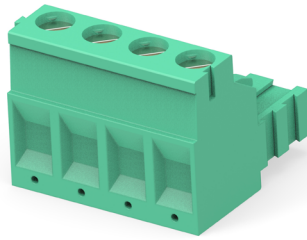
Notes:

1. BUCHANAN Terminal Block 284047* has been replaced with 1546122* (Gray).
2. BUCHANAN Terminal Block 284041* has been replaced with 1546224* (Gray) and 1546105 (Black).

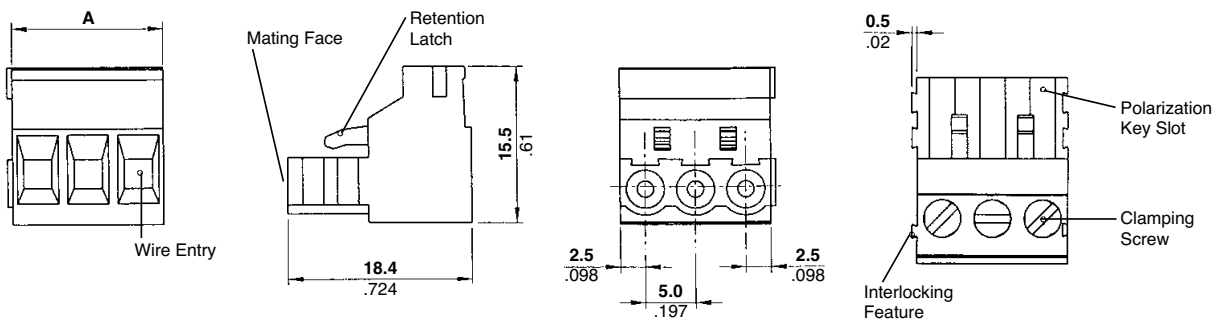
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MODULAR PLUG WITH LATCHES - 5.08 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



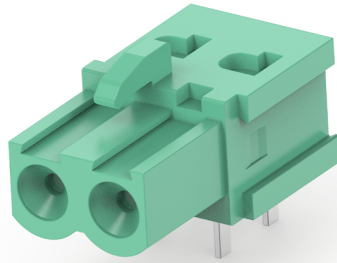
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.0 (0.394)	282807-2
3	15.0 (0.591)	282807-3
4	20.0 (0.787)	282807-4
5	25.0 (0.984)	282807-5

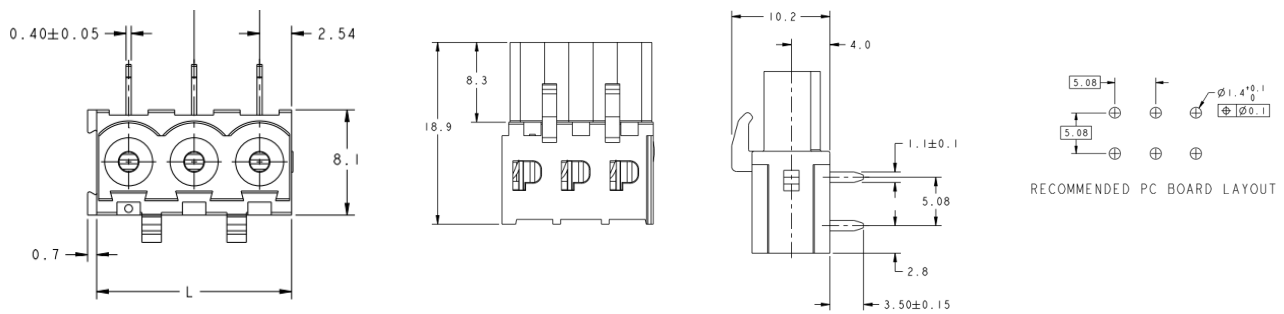
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, PLUG WITH PINS - 5.08 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



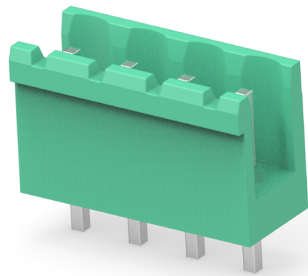
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.16 (0.40)	1986257-2

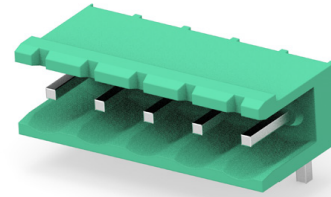
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE HEADERS WITH OPEN ENDS - 5.08 mm PITCH

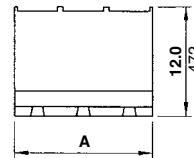
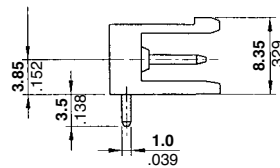
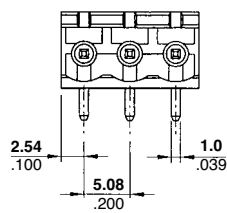
RIGHT-ANGLE



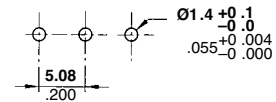
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.16 (0.40)	282815-2	282825-2
3	15.24 (0.60)	282815-3	282825-3
4	20.32 (0.80)	282815-4	282825-4
5	25.40 (1.00)	282815-5	282825-5
6	30.48 (1.20)	282815-6	282825-6
7	35.56 (1.40)	282815-7	282825-7
8	40.64 (1.60)	282815-8	282825-8
9	45.72 (1.80)	282815-9	282825-9
10	50.80 (2.00)	1-282815-0	1-282825-0
11	55.88 (2.20)	1-282815-1	1-282825-1
12	60.96 (2.40)	1-282815-2	1-282825-2
14	71.12 (2.80)	-	1-282825-4
16	81.28 (3.20)	1-282815-6	1-282825-6
18	91.44 (3.60)	1-282815-8	-
24	121.92 (4.80)	-	2-282825-4

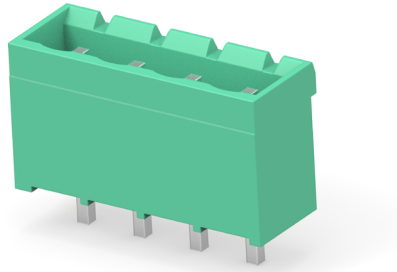
Notes:

1. BUCHANAN Terminal Block 282815* has been replaced with 1546110* (Gray).
2. BUCHANAN Terminal Block 282825* has been replaced with 1546213* (Gray).

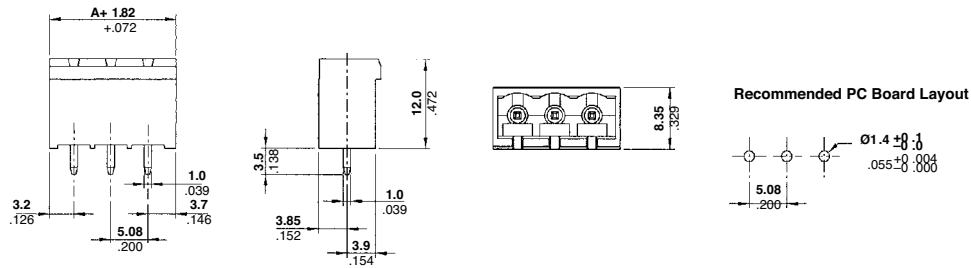
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED END - 5.08 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

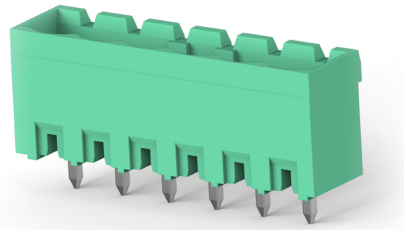
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.16 (0.40)	796636-2
3	15.24 (0.60)	796636-3
4	20.32 (0.80)	796636-4
5	25.40 (1.00)	796636-5
6	30.48 (1.20)	796636-6
7	35.56 (1.40)	796636-7
8	40.64 (1.60)	796636-8
9	45.72 (1.80)	796636-9
10	50.80 (2.00)	1-796636-0
11	55.88 (2.20)	1-796636-1
12	60.96 (2.40)	1-796636-2
13	66.04 (2.60)	1-796636-3
14	71.12 (2.80)	1-796636-4
16	81.28 (3.20)	1-796636-6
17	86.36 (3.40)	1-796636-7
18	91.44 (3.60)	1-796636-8
21	106.68 (4.20)	2-796636-1
24	121.92 (4.80)	2-796636-4

Notes: BUCHANAN Terminal Block 796636* has been replaced with 1546111* (Gray) and 796637* (Black).

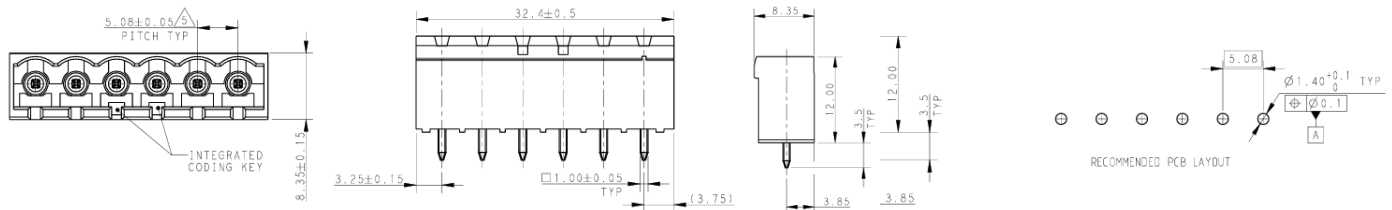
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, CLOSED END HEADER WITH CODING KEYS - 5.08 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

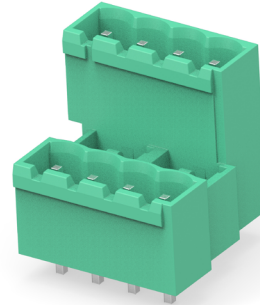
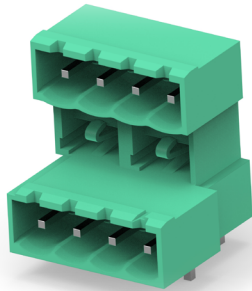
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
6	30.48 (1.20)	2368814-6

BUCHANAN TERMINAL BLOCKS

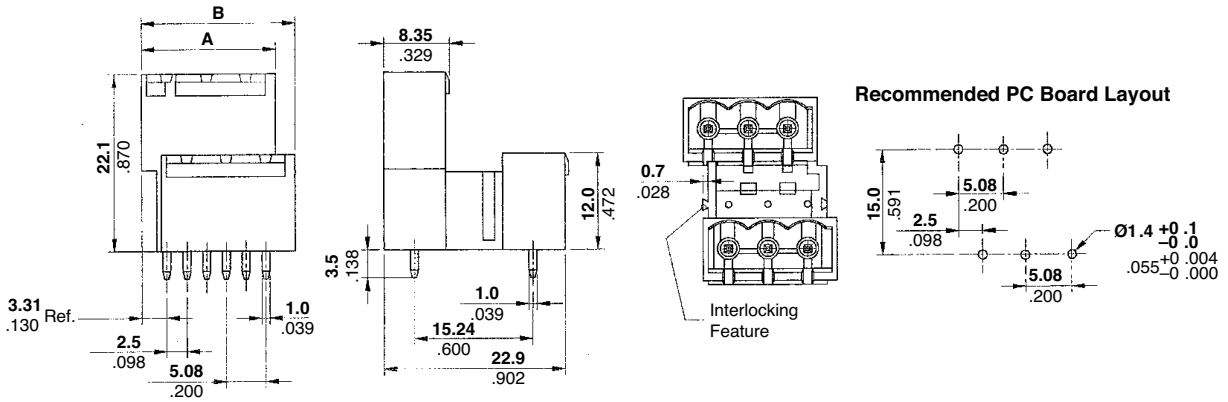
TWO-PIECE TERMINAL BLOCK, MULTILEVEL HEADER, WITH CLOSE END - 5.08 mm PITCH

RIGHT-ANGLE

VERTICAL



Dimension [Unit: mm(in)]



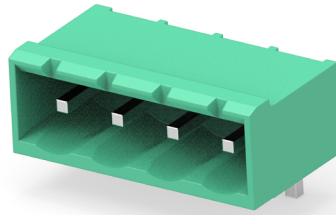
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	12.20 (0.48)	284061-2	284065-2
3	17.28 (0.68)	284061-3	284065-3
4	22.36 (0.88)	284061-4	284065-4
5	27.44 (1.08)	284061-5	284065-5
6	32.52 (1.28)	284061-6	284065-6
7	37.60 (1.48)	284061-7	284065-7
8	42.68 (1.68)	284061-8	284065-8
9	47.76 (1.88)	284061-9	284065-9
10	52.84 (2.08)	1-284061-0	1-284065-0
11	57.92 (2.28)	1-284061-1	-
12	63.00 (2.48)	1-284061-2	-
18	93.20 (3.67)	-	2-284065-8
24	123.68 (4.87)	-	3-284065-0
16	83.08 (3.27)	-	3-284065-1

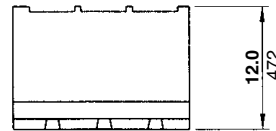
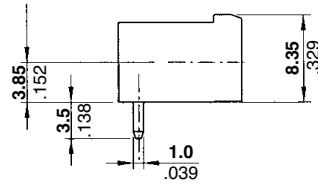
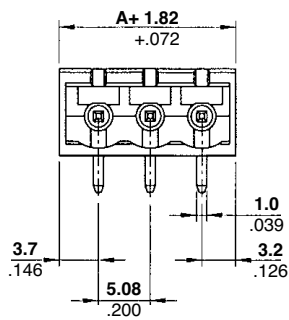
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED END - 5.08 mm PITCH

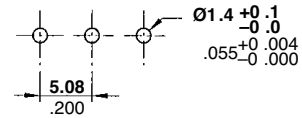
RIGHT-ANGLE



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.16 (0.40)	796638-2
3	15.24 (0.60)	796638-3
4	20.32 (0.80)	796638-4
5	25.40 (1.00)	796638-5
6	30.48 (1.20)	796638-6
7	35.56 (1.40)	796638-7
8	40.64 (1.60)	796638-8
9	45.72 (1.80)	796638-9
10	50.80 (2.00)	1-796638-0
11	55.88 (2.20)	1-796638-1
12	60.96 (2.40)	1-796638-2
13	66.04 (2.60)	1-796638-3
14	71.12 (2.80)	1-796638-4
16	81.28 (3.20)	1-796638-6
18	101.60 (4.00)	1-796638-8
20	101.60 (4.00)	2-796638-0
21	106.68 (4.20)	2-796638-1
24	121.92 (4.80)	2-796638-4

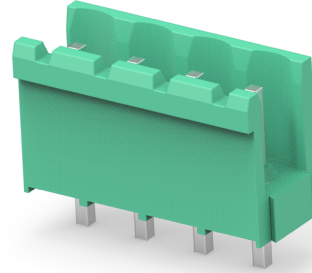
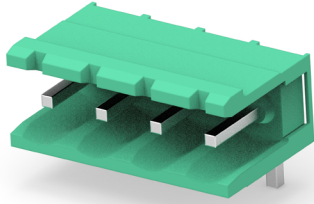
Notes: BUCHANAN Terminal Block 796638* has been replaced with 1546109* (Gray) and 796639* (Black).

BUCHANAN TERMINAL BLOCKS

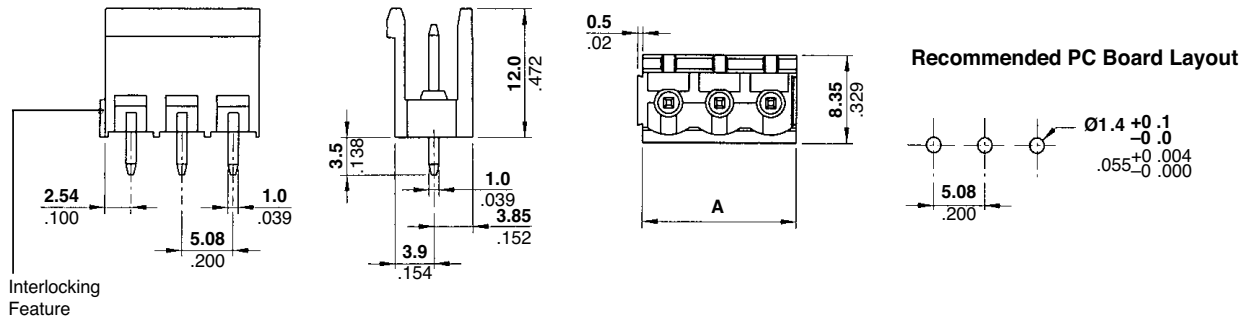
TWO-PIECE TERMINAL BLOCK, MODULAR HEADER WITH OPEN ENDS - 5.08 mm PITCH

RIGHT-ANGLE

VERTICAL



Dimension [Unit: mm(in)]

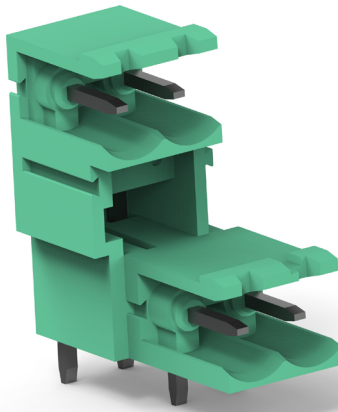


PRODUCT INFORMATION

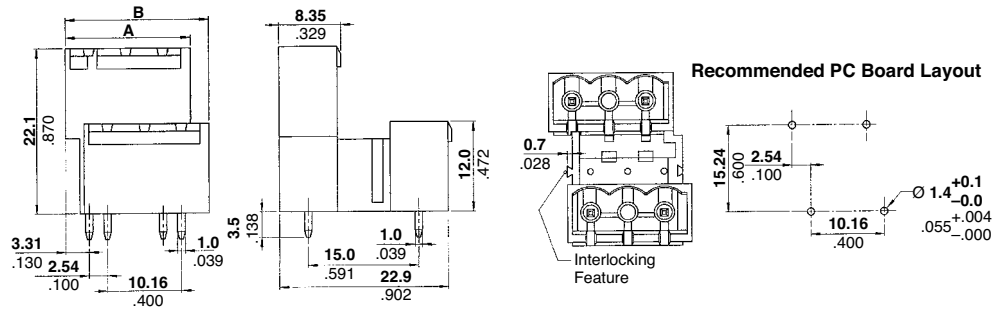
No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	10.16 (0.40)	282814-2	282824-2
3	15.24 (0.60)	282814-3	282824-3
4	20.32 (0.80)	282814-4	282824-4

BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, MULTILEVEL MODULAR HEADER WITH OPEN END - 5.08 mm RIGHT-ANGLE



Dimension [Unit: mm(in)]

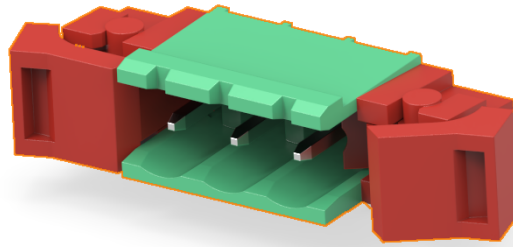


PRODUCT INFORMATION

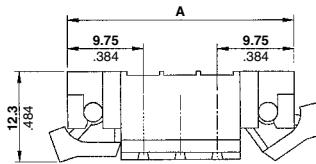
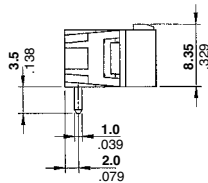
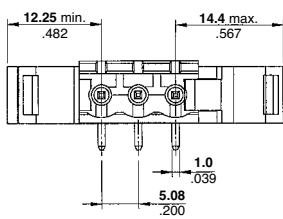
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.16 (0.40)	284053-2
3	15.24 (0.60)	284053-3
5	25.40 (0.80)	284053-5
6	30.48 (1.00)	284053-6

BUCHANAN TERMINAL BLOCKS

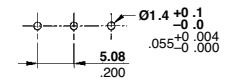
TWO-PIECE TERMINAL BLOCK, HEADER WITH EJECTOR EARS - 5.08 mm PITCH



Dimension [Unit: mm(in)]



Recommended PC Board Layout



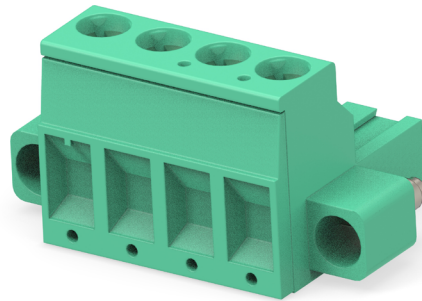
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	24.58 (0.968)	284008-2

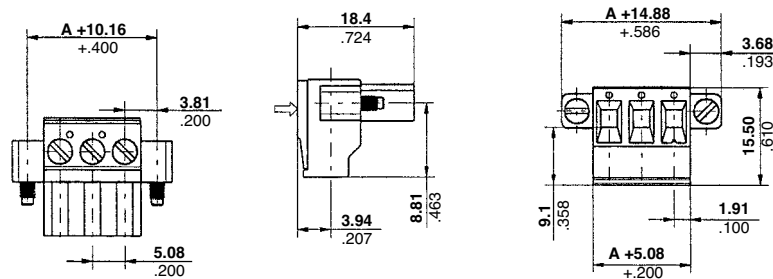
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, PLUG WITH SCREW FLANGE - 5.08 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

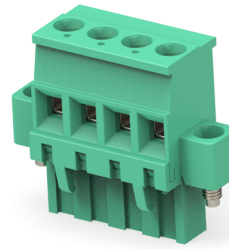
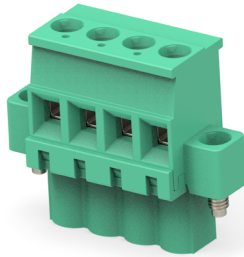
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	5.08 (0.20)	796859-2
3	10.16 (0.40)	796859-3
4	15.24 (0.60)	796859-4
5	20.32 (0.80)	796859-5
6	25.40 (1.00)	796859-6
7	30.48 (1.20)	796859-7
8	35.56 (1.40)	796859-8
9	40.64 (1.60)	796859-9
10	45.72 (1.80)	1-796859-0
11	50.80 (2.00)	1-796859-1
12	55.88 (2.20)	1-796859-2
14	66.04 (2.60)	1-796859-4
16	76.20 (3.00)	1-796859-6
17	81.28 (3.20)	1-796859-7
18	86.36 (3.40)	1-796859-8

BUCHANAN TERMINAL BLOCKS

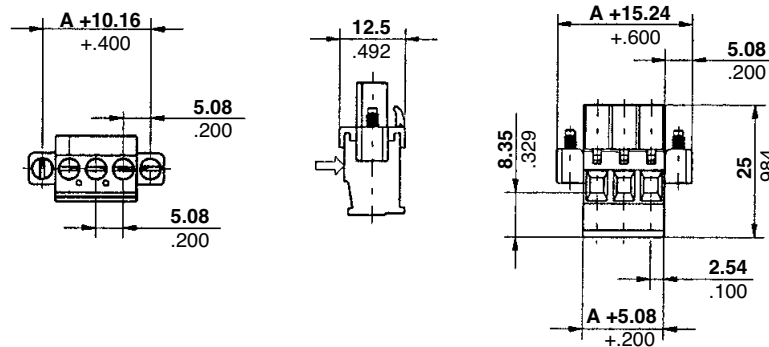
TWO-PIECE TERMINAL BLOCK, PLUG WITH FLANGE - 5.08 mm PITCH

VERTICAL LEFT HAND

VERTICAL RIGHT HAND



Dimension [Unit: mm(in)]



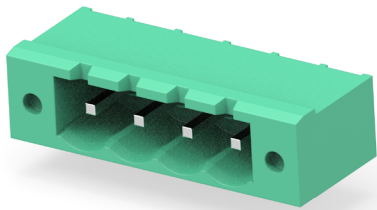
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		180°	180°
2	5.08 (0.20)	796861-2	796863-2
3	10.16 (0.40)	796861-3	796863-3
4	15.24 (0.60)	796861-4	796863-4
5	20.32 (0.80)	796861-5	796863-5
6	25.40 (1.00)	796861-6	796863-6
7	30.48 (1.20)	796861-7	796863-7
8	35.56 (1.40)	796861-8	796863-8
9	40.64 (1.60)	796861-9	796863-9
10	45.72 (1.80)	1-796861-0	1-796863-0
12	55.88 (2.20)	1-796861-2	-
16	60.96 (2.40)	-	1-796863-6

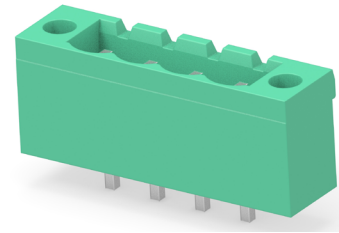
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH SCREW FLANGE - 5.08 mm PITCH

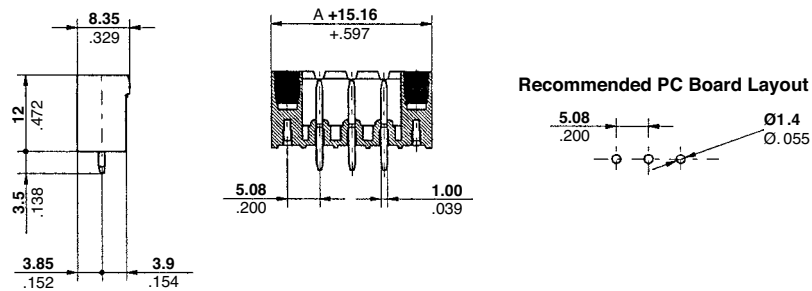
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

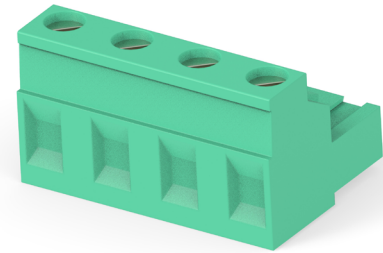
No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	5.08 (0.20)	796866-2	796867-2
3	10.16 (0.40)	796866-3	796867-3
4	15.24 (0.60)	796866-4	796867-4
5	20.32 (0.80)	796866-5	796867-5
6	25.40 (1.00)	796866-6	796867-6
7	30.48 (1.20)	796866-7	796867-7
8	35.56 (1.40)	796866-8	796867-8
9	40.64 (1.60)	796866-9	796867-9
10	45.72 (1.80)	1-796866-0	1-796867-0
12	55.88 (2.20)	1-796866-1	1-796867-2
13	60.96 (2.40)	1-796866-2	1-796867-3
15	71.12 (2.80)	1-796866-4	1-796867-5
16	76.20 (3.00)	1-796866-6	1-796867-6
18	86.36 (3.40)	1-796866-7	1-796867-8

Notes: BUCHANAN Terminal Block 796866* has been replaced with Part Number 1546518* (Black)

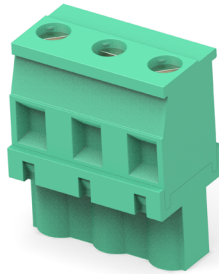
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG WITH LATCHES - 7.5 mm PITCH

RIGHT-ANGLE



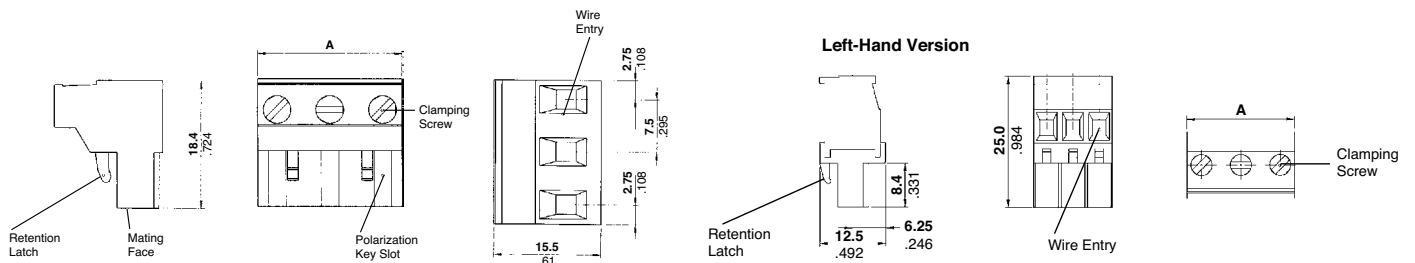
VERTICAL LEFT HAND



VERTICAL RIGHT HAND



Dimension [Unit: mm(in)]



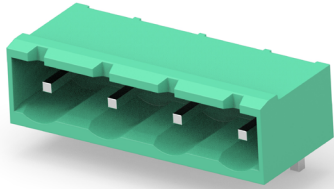
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		90°	180°	180°
2	13.0 (0.512)	282959-2	284042-2	-
3	20.5 (0.807)	282959-3	284042-3	-
4	28.0 (1.102)	282959-4	284042-4	-
5	35.5 (1.398)	282959-5	284042-5	-
6	43.0 (1.693)	282959-6	284042-6	-
7	50.5 (1.988)	282959-7	284042-7	-
8	58.0 (2.283)	282959-8	284042-8	-
9	65.5 (2.579)	282959-9	284042-9	-
10	73.0 (2.874)	-	1-284042-0	-
11	80.5 (3.169)	-	1-284042-1	-
12	88.0 (3.465)	-	1-284042-2	-
2	13.0 (0.512)	-	-	2-284048-2

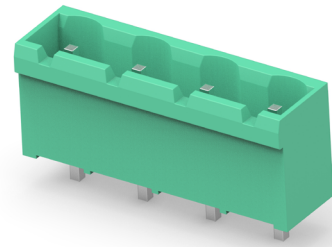
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSE ENDS - 7.5 mm PITCH

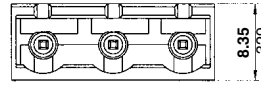
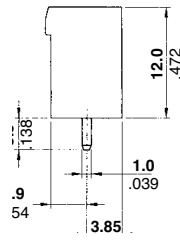
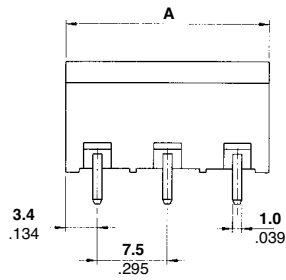
RIGHT-ANGLE



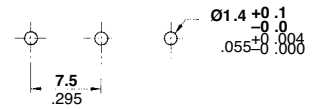
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



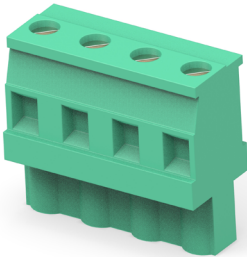
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	14.3 (0.563)	282962-2	282964-2
3	21.8 (0.858)	282962-3	282964-3
4	29.3 (1.154)	282962-4	-
5	36.8 (1.449)	282962-5	282964-5
6	44.3 (1.744)	282962-6	-
7	51.8 (2.039)	282962-7	-
8	59.3 (2.335)	282962-8	282964-8
9	66.8 (2.630)	282962-9	-

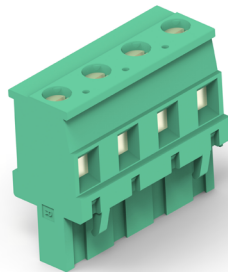
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG WITH LATCHES - 7.62 mm PITCH

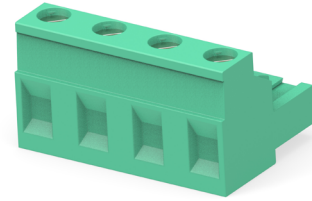
VERTICAL LEFT HAND



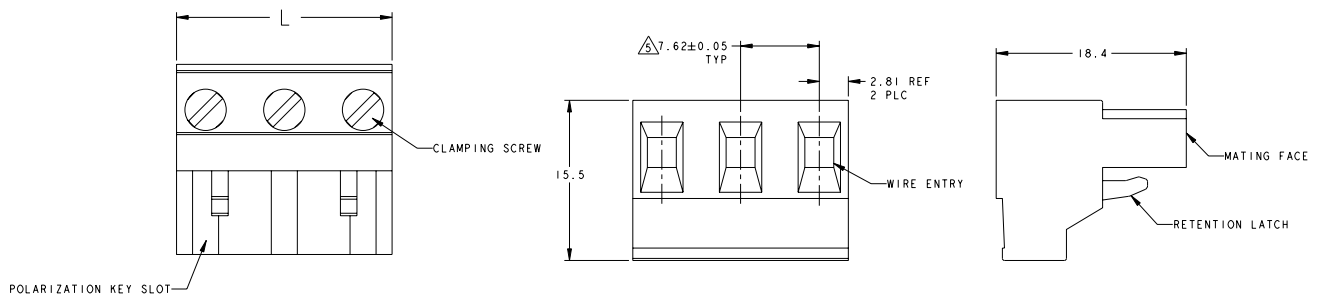
VERTICAL RIGHT HAND



RIGHT-ANGLE



Dimension [Unit: mm(in)]



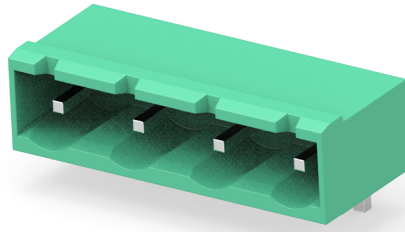
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers		
		180°	180°	90°
2	13.24 (0.521)	284043-2	284049-2	796981-2
3	20.86 (0.821)	284043-3	284049-3	796981-3
4	28.48 (1.121)	284043-4	284049-4	796981-4
5	36.10 (1.421)	284043-5	284049-5	796981-5
6	43.72 (1.721)	284043-6	284049-6	796981-6
7	51.34 (2.021)	284043-7	284049-7	796981-7
8	58.96 (2.321)	284043-8	284049-8	796981-8
9	66.58 (2.621)	284043-9	284049-9	796981-9
10	74.20 (2.921)	1-284043-0	-	1-796981-0
11	81.82 (3.221)	1-284043-1	-	1-796981-1
12	89.44 (3.521)	1-284043-2	-	1-796981-2

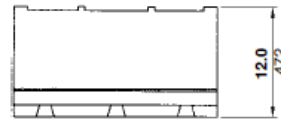
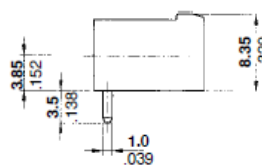
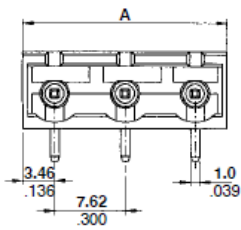
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSE ENDS - 7.62 mm PITCH

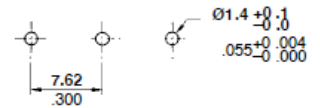
RIGHT-ANGLE



Dimension [Unit: mm(in)]



Recommended PC Board Layout



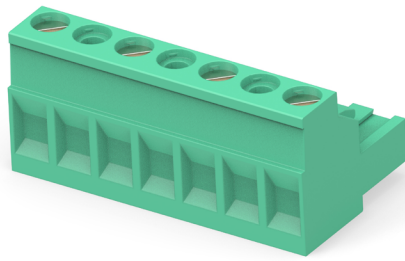
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	14.44 (0.568)	282966-2
3	22.06 (0.868)	282966-3
4	29.68 (1.168)	282966-4
5	37.30 (1.468)	282966-5
6	44.92 (1.768)	282966-6
7	52.54 (2.068)	282966-7
8	60.16 (2.368)	282966-8
9	67.78 (2.668)	282966-9
10	75.40 (2.968)	1-282966-0
11	83.02 (3.268)	1-282966-1
12	90.64 (3.568)	1-282966-2

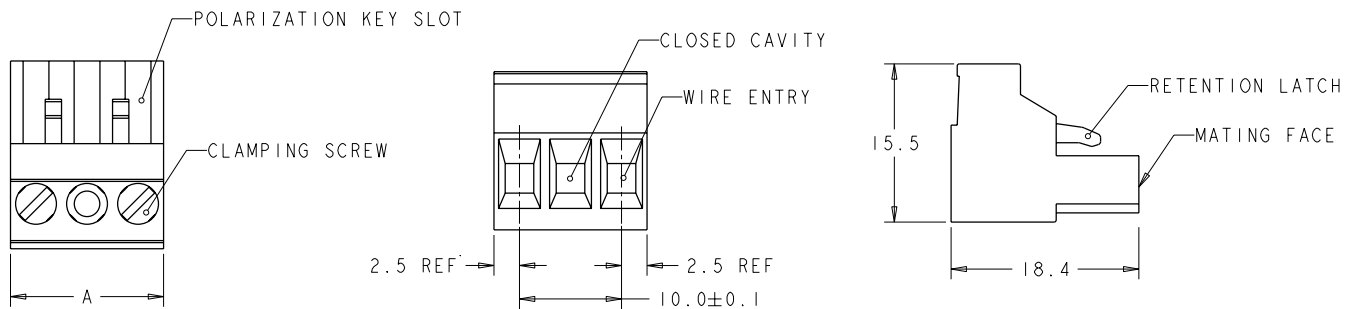
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG WITH LATCH - 10.0 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

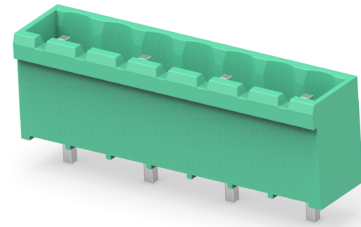
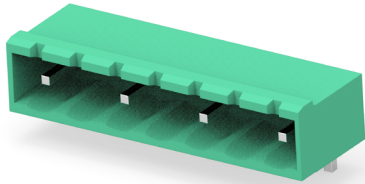
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	15.0 (0.591)	282808-2
3	25.0 (0.984)	282808-3
4	35.0 (1.378)	282808-4
5	45.0 (1.772)	282808-5
6	55.0 (2.165)	282808-6
7	65.0 (2.559)	282808-7
8	75.0 (2.953)	282808-8
10	95.0 (3.740)	1-282808-0
4	25.0 (0.984)	1-282808-4
3	35.0 (1.378)	3-282808-3

BUCHANAN TERMINAL BLOCKS

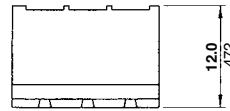
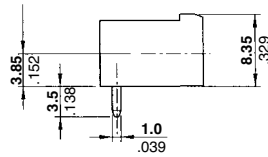
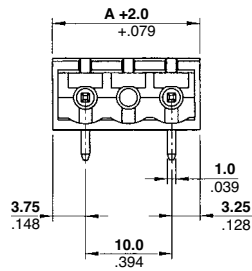
TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 10.0 mm PITCH

RIGHT-ANGLE

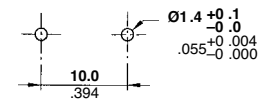
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



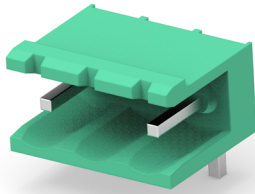
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	15.0 (0.591)	282816-2	-
3	25.0 (0.984)	282816-3	282826-3
4	35.0 (1.378)	282816-4	282826-4
5	45.0 (1.772)	-	282826-5
6	55.0 (2.165)	282816-6	282826-6
7	65.0 (2.559)	-	282826-7
8	75.0 (2.953)	282816-8	-

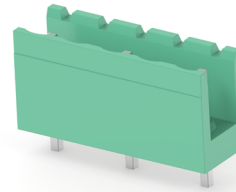
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE HEADER WITH OPEN ENDS - 10.0 mm PITCH

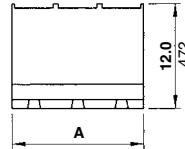
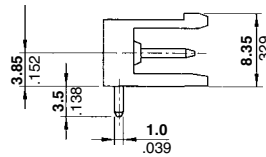
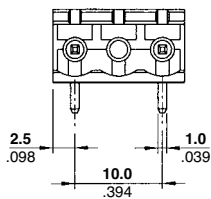
RIGHT-ANGLE



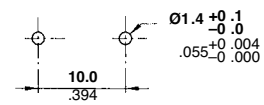
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



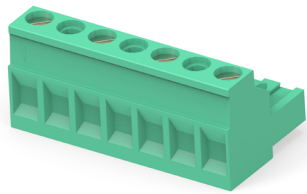
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	15.0 (0.591)	282817-2	-
3	25.0 (0.984)	282817-3	282827-3
4	35.0 (1.378)	282817-4	-
5	45.0 (1.772)	282817-5	-
6	55.0 (2.165)	282817-6	-
7	65.0 (2.559)	282817-7	-
8	75.0 (2.953)	282817-8	-
9	85.0 (3.346)	282817-9	-
10	95.0 (3.740)	1-282817-0	-
11	105.0 (4.134)	1-282817-1	-
12	115.0 (4.528)	1-282817-2	-

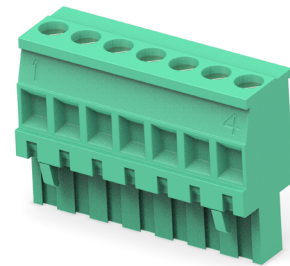
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG WITH LATCHES - 10.16 mm PITCH

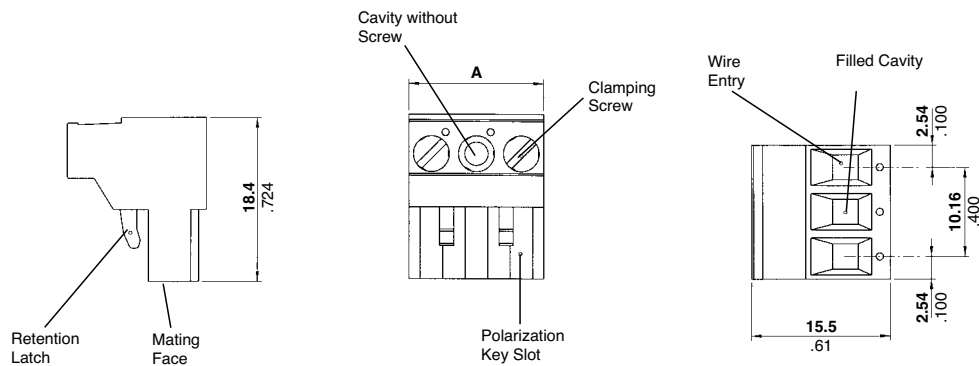
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

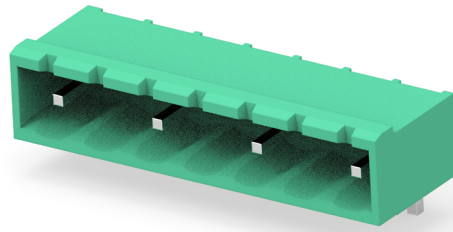
No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	15.24 (0.60)	282809-2	284051-2
3	25.40 (1.00)	282809-3	284051-3
4	35.56 (1.40)	282809-4	284051-4
5	45.72 (1.80)	282809-5	284051-5
6	55.88 (2.20)	282809-6	284051-6
7	66.04 (2.60)	282809-7	284051-7
8	76.20 (3.00)	282809-8	284051-8
9	86.36 (3.40)	282809-9	284051-9
10	96.52 (3.80)	1-282809-0	1-284051-0
11	106.68 (4.20)	1-282809-1	1-284051-1
12	116.84 (4.60)	1-282809-2	1-284051-2
13	127.00 (5.00)	1-282809-3	1-284051-3
4	35.56 (1.40)	1-282809-4	-
4	35.56 (1.40)	1-282809-5	-

Notes: BUCHANAN Terminal Block 284051* has been replaced with 1776538* (Black).

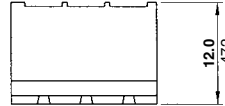
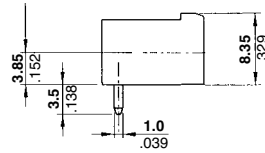
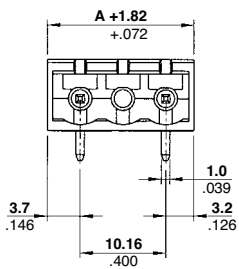
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSE ENDS - 10.16 mm PITCH

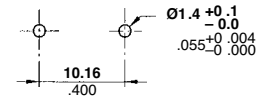
RIGHT-ANGLE



Dimension [Unit: mm(in)]



Recommended PC Board Layout



PRODUCT INFORMATION

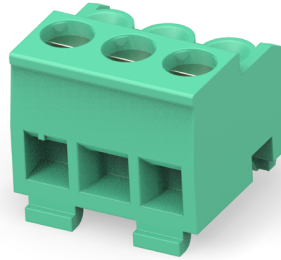
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	15.24 (0.60)	282818-2
3	25.40 (1.00)	282818-3
4	35.56 (1.40)	282818-4
6	55.88 (2.20)	282818-6
9	86.36 (3.40)	282818-9
12	116.84 (4.60)	1-282818-2

BUCHANAN TERMINAL BLOCKS

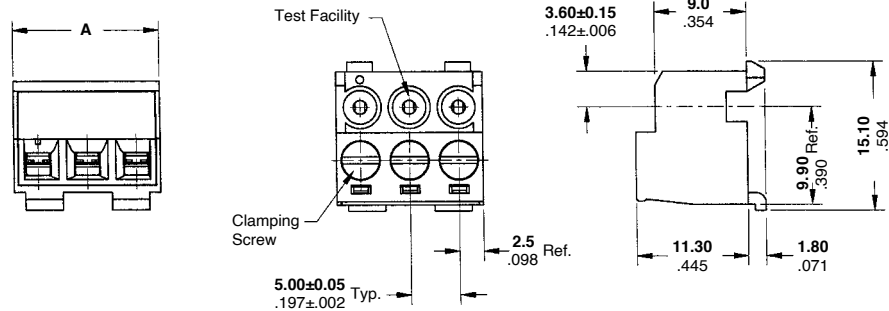
SPECIAL PLUG CONNECTORS

TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG - 5.0 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]

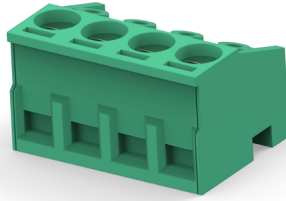


PRODUCT INFORMATION

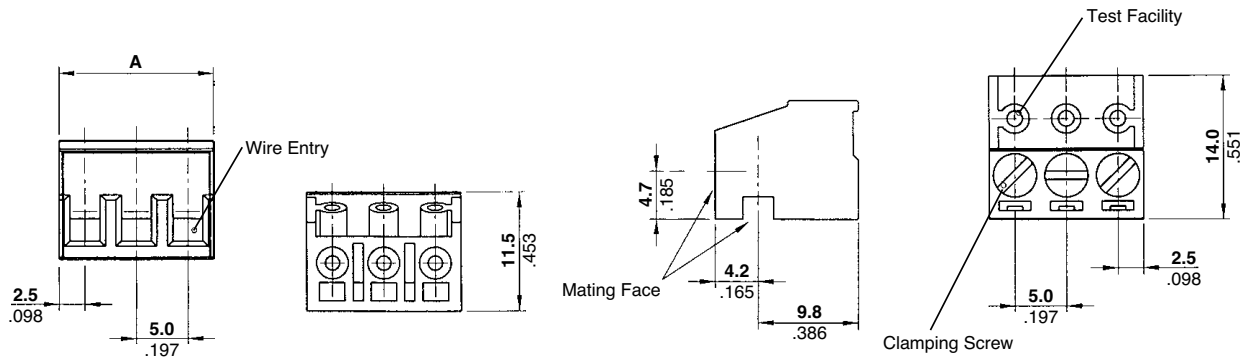
No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2	10.0 (0.394)	1546173-2
3	15.0 (0.591)	1546173-3
6	30.0 (1.181)	1546173-6
10	50.0 (1.969)	1-1546173-0

BUCHANAN TERMINAL BLOCKS

SPECIAL TYPE TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG - 5.00 mm PITCH



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90/180°
2	10.0 (0.394)	282830-2
3	15.0 (0.591)	282830-3
4	20.0 (0.787)	282830-4
5	25.0 (0.984)	282830-5
6	30.0 (1.181)	282830-6
8	35.0 (1.378)	282830-8
10	40.0 (1.575)	1-282830-0
11	45.0 (1.772)	1-282830-1
3	15.0 (0.591)	3-282830-0
4	20.0 (0.787)	3-282830-8
5	25.0 (0.984)	3-282830-9

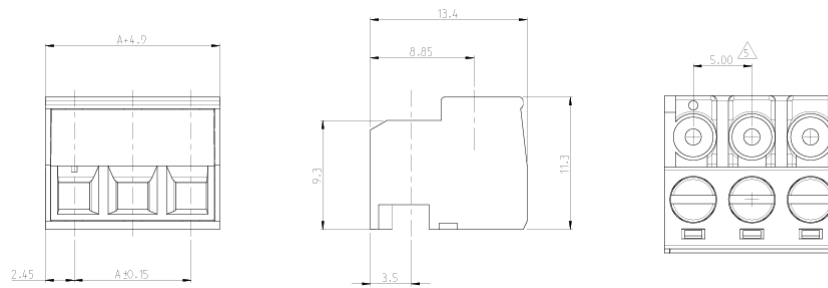
Notes: BUCHANAN Terminal Block 282830* has been replaced with 1546018* (Black).

BUCHANAN TERMINAL BLOCKS

SPECIAL TYPE TWO-PIECE TERMINAL BLOCK, STACKABLE PLUG - 5.0 mm PITCH



Dimension [Unit: mm(in)]



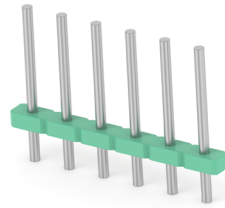
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°/270°
19	30.0 (1.181)	1-1986835-9

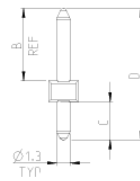
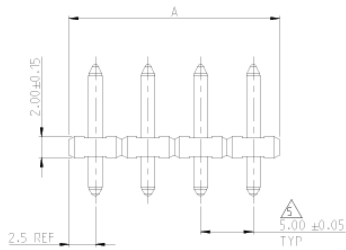
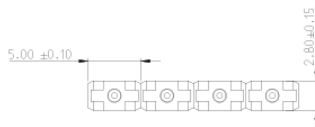
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE UNSHROUDED HEADERS - 5.0 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



RECOMMENDED PC BOARD LAYOUT

PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	10.0 (0.394)	282832-2
3	15.0 (0.591)	282832-3
4	20.0 (0.787)	282832-4
5	25.0 (0.984)	282832-5
6	30.0 (1.181)	282832-6
7	35.0 (1.378)	282832-7
8	40.0 (1.575)	282832-8
9	45.0 (1.772)	282832-9
10	50.0 (1.969)	1-282832-0
11	55.0 (2.165)	1-282832-1
12	60.0 (2.362)	1-282832-2
8	40.0 (1.575)	1-282832-3
15	75.0 (2.953)	1-282832-6
16	80.0 (3.150)	1-282832-7
23	120.0 (4.724)	2-282832-5
3	15.0 (0.591)	3-282832-3
3	15.0 (0.591)	3-282832-6
4	20.0 (0.787)	3-282832-7
6	30.0 (1.181)	4-282832-0

Notes: BUCHANAN Terminal Block 282832* has been replaced with Part Number 1546019* (Black)

BUCHANAN TERMINAL BLOCKS

FRONT STYLE TERMINAL BLOCK PLUGS

INTRODUCTION

The key feature of the front style terminal block plug is that the wire entry cavity and the activating screw head are on the same plane which is parallel to the plug in direction. These plugs in particular are being released with 5.0mm and 5.08mm centerline spacing and will mate to industry standard vertical and right angle headers.

PRODUCT FACTS

- Double-row, dual barrier strips for wire-to-wire applications. These parts also allow end users to complete the wiring to a separate screw without disturbing the factory wiring.
- Available with either binding head screws or wire clamp
- Increased current-carrying capability

APPLICATIONS

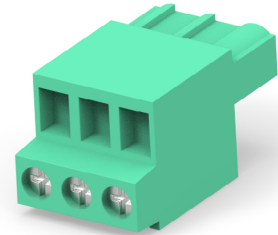
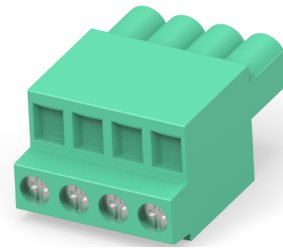
- Industrial controls
- HVAC controls
- Communications equipment
- Field wiring for either power or I/O connections
- Stacked (side by side) pluggable terminal block connections

MECHANICAL PROPERTIES

- **Wire range:** 14-24 AWG
- **Screw torque:** 4.5 in-lbs
- **Operating temp:** -40° to +105° C

ELECTRICAL PROPERTIES

- **Maximum Current** - 16 amps
- **Operating Voltage** - 300 volts



KEY FEATURES

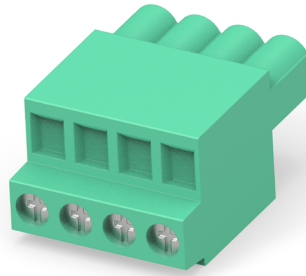
- Wire entry cavity and the activating screw head are located on the same side of the terminal block plug
- Wide range of wire AWGs accepted
- Mates with standard headers on 5.0 and 5.08mm centerline spacings

MATERIALS

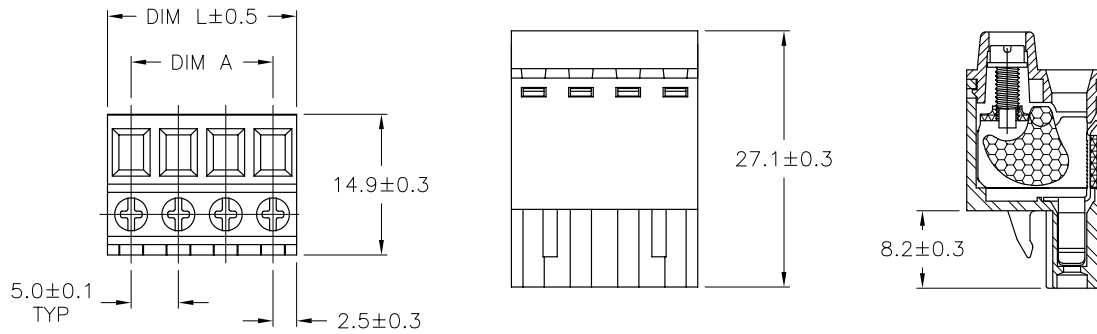
- PA 6.6
- UL 94V-0
- Zinc plated steel screws

BUCHANAN TERMINAL BLOCKS

FRONT STYLE PLUGS - 5.0mm



Dimension [Unit: mm(in)]

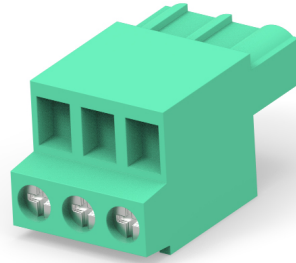


PRODUCT INFORMATION

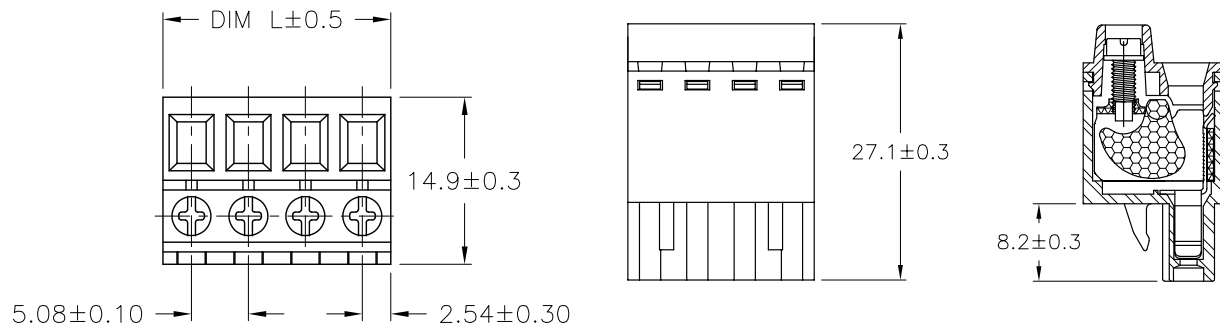
No. of Positions	Dim. A mm(in)	Part Numbers
3	10.0 (0.39)	1986300-3
4	15.0 (0.59)	1986300-4
8	35.0 (1.38)	1986300-8

BUCHANAN TERMINAL BLOCKS

FRONT STYLE PLUGS - 5.08mm



Dimension [Unit: mm(in)]

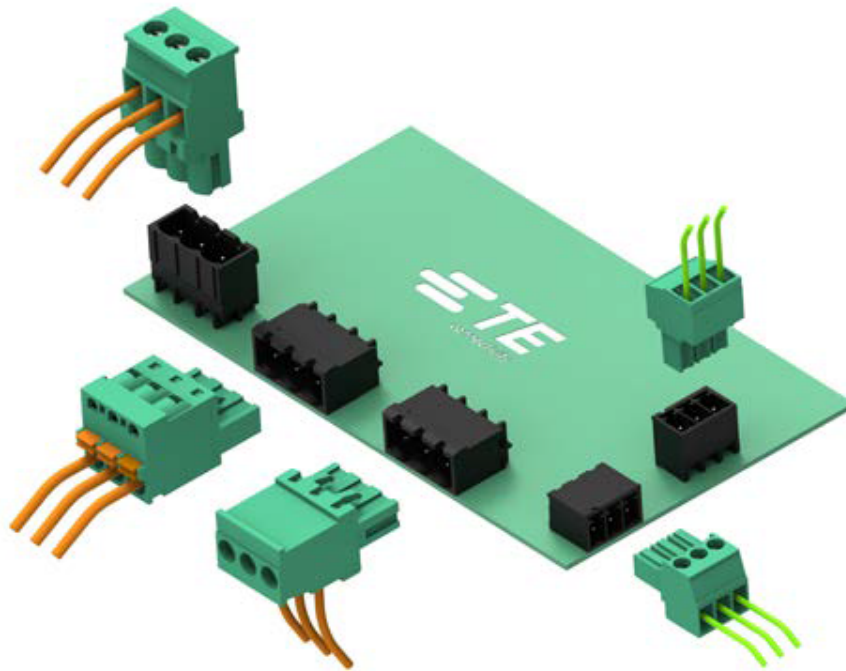


PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Part Numbers
2	10.16 (0.40)	1986484-2
3	15.24 (0.60)	1986484-3
4	20.32 (0.80)	1986484-4
5	25.40 (1.00)	1986484-5
6	30.48 (1.20)	1986484-6
8	40.64 (1.60)	1986484-8
9	45.72 (1.80)	1986484-9
10	50.80 (2.00)	1-1986484-0
12	60.96 (2.40)	1-1986484-2

BUCHANAN TERMINAL BLOCKS

TWO PIECE TERMINAL BLOCK - HIGH TEMPERATURE VERSION



MECHANICAL

- PCB hole diameter: 1.3 mm Min.
- PCB Board Thickness: 1.6 mm Max.

MATERIAL

- Housing: High Temp Polyamide, UL 94V-0
- Terminals: Brass; Finish: Leadfree tin-plated


SOLDERING TECHNOLOGY

- **Soldering standard** - soldering process according to JEDEC J-STD-020
- **Process quality** - high-temperature resin can withstand 260°C peak for lead-free tin soldering process and are MSL 1 rated (Moisture Sensitivity Level 1) and immune to damages caused by humidity
- **Packaging** - Tape and Reel, Tube or Tray Packaging available on request for every part number.

ENVIRONMENTAL

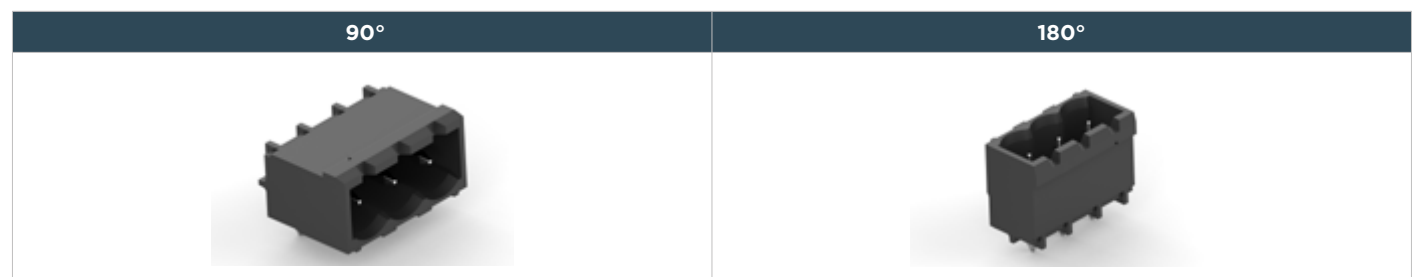
- **Operating Temp Range:** -40 °C - 105 °C (-40 °F - +221 °F)

PRODUCT COMPLIANCE / APPROVALS

- RoHS Compliant
- UL approval: File No. E60677 

Note: Parts listed in this document are approved

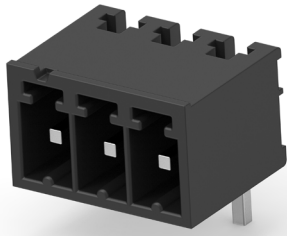
HEADER MOUNTING ANGLE TYPE TO PCB



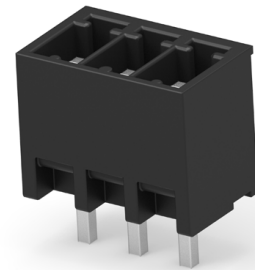
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 3.5 mm PITCH

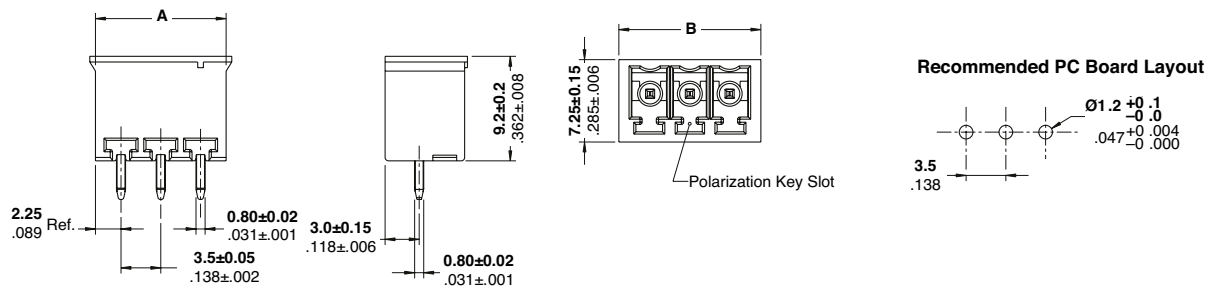
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



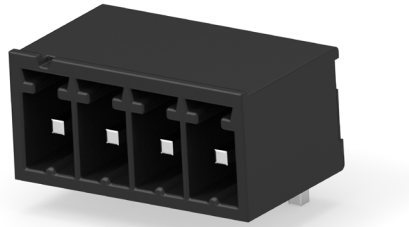
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
2	8.0 (0.315)	3.4 (0.13)	1776134-2	-
3	11.5 (0.453)		1776134-3	-
5	18.5 (0.728)		1776134-5	-
6	22.0 (0.866)		1776134-6	1776130-6
8	29.0 (1.142)		1776134-8	1776130-8
10	36.0 (1.417)		1-1776134-0	-
16	57.0 (2.244)		1-1776134-6	-

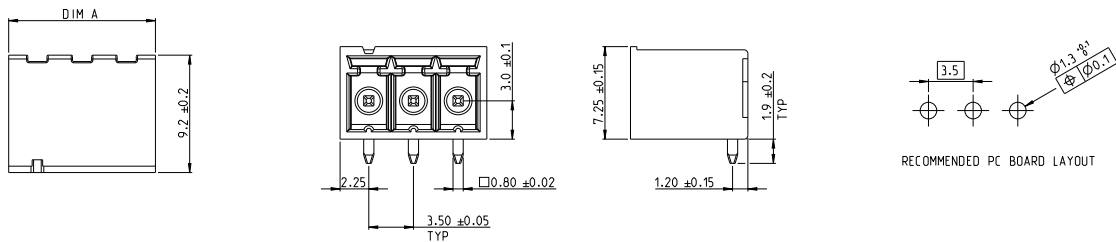
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH TAIL LENGTH - 1.9 mm AND CLOSED ENDS - 3.5 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



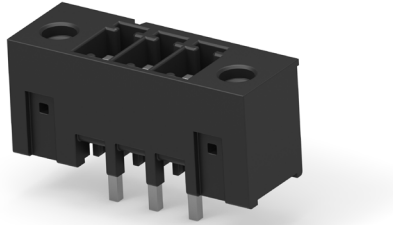
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number
		90°
2	8.0 (0.315)	2342076-2
3	11.5 (0.453)	2342076-3
4	15.0 (0.591)	2342076-4
5	18.5 (0.728)	2342076-5
6	22.0 (0.866)	2342076-6
7	25.5 (1.004)	2342076-7
8	29.0 (1.142)	2342076-8
9	32.5 (1.279)	2342076-9
10	36.0 (1.147)	1-2342076-0
11	39.5 (1.555)	1-2342076-1
12	43.0 (1.693)	1-2342076-2
13	46.5 (1.831)	1-2342076-3
14	50.0 (1.969)	1-2342076-4
15	53.5 (2.106)	1-2342076-5
16	57.0 (2.244)	1-2342076-6
17	60.5 (2.382)	1-2342076-7
18	64.0 (2.520)	1-2342076-8
19	67.5 (2.657)	1-2342076-9
20	71.0 (2.795)	2-2342076-0
21	74.5 (2.933)	2-2342076-1
22	78.0 (3.071)	2-2342076-2
23	81.5 (3.208)	2-2342076-3
24	85.0 (3.346)	2-2342076-4
25	88.5 (3.484)	2-2342076-5

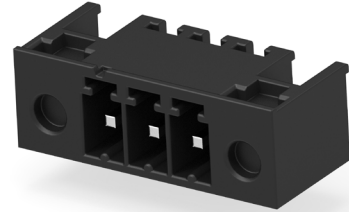
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH SCREW FLANGES - 3.5 mm PITCH

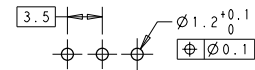
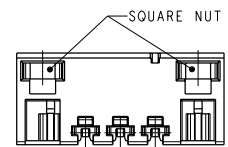
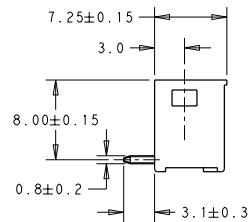
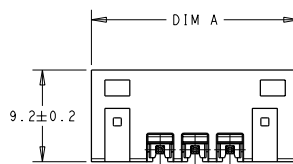
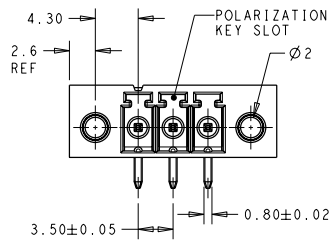
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



RECOMMENDED PC BOARD LAYOUT

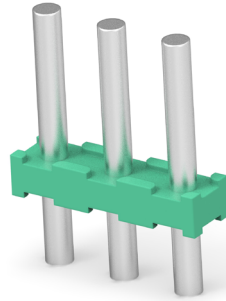
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	3.5 (0.138)	1776136-2	1776132-2
3	7.0 (0.276)	1776136-3	1776132-3
4	10.5 (0.413)	1776136-4	1776132-4
5	14.0 (0.551)	1776136-5	1776132-5
6	17.5 (0.689)	-	1776132-6
7	21.0 (0.827)	-	1776132-7
8	24.5 (0.965)	1776136-8	1776132-8
9	28.0 (1.102)	-	1776132-9
10	31.5 (1.240)	-	1-1776132-0
11	35.0 (1.378)	-	1-1776132-1
12	38.5 (1.516)	-	1-1776132-2

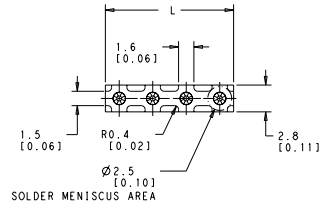
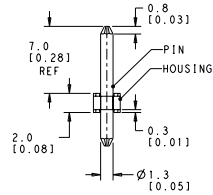
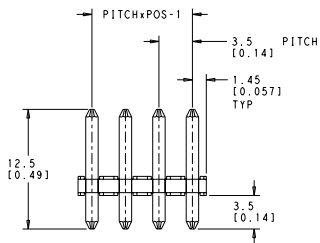
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, UNSHROUDED HEADER - 3.5 mm PITCH

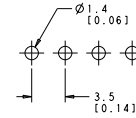
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



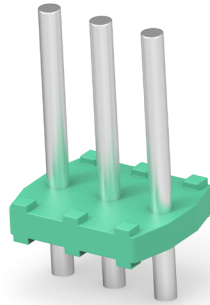
PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Part Number
		180°
2	6.40 (0.252)	1986717-2
3	9.90 (0.390)	1986717-3
4	13.40 (0.528)	1986717-4
5	16.90 (0.665)	1986717-5
6	20.40 (0.803)	1986717-6
7	23.90 (0.941)	1986717-7
8	27.40 (1.079)	1986717-8

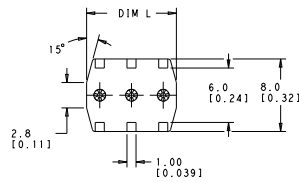
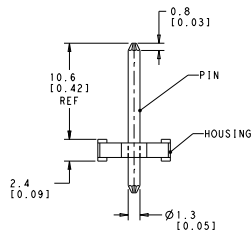
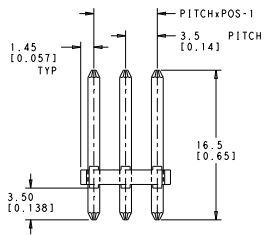
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, UNSHROUDED HEADER WITH WIDE BASE - 3.5 mm PITCH

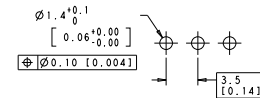
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



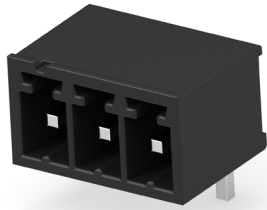
PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Part Number
		180°
2	6.40 (0.252)	1986718-2
3	9.90 (0.390)	1986718-3
4	13.40 (0.528)	1986718-4
5	16.90 (0.665)	1986718-5
6	20.40 (0.803)	1986718-6
7	23.90 (0.941)	1986718-7
8	27.40 (1.079)	1986718-8

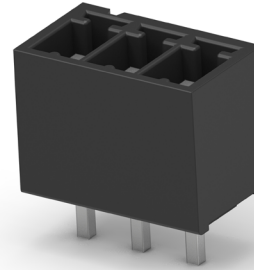
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSE ENDS - 3.81 mm PITCH

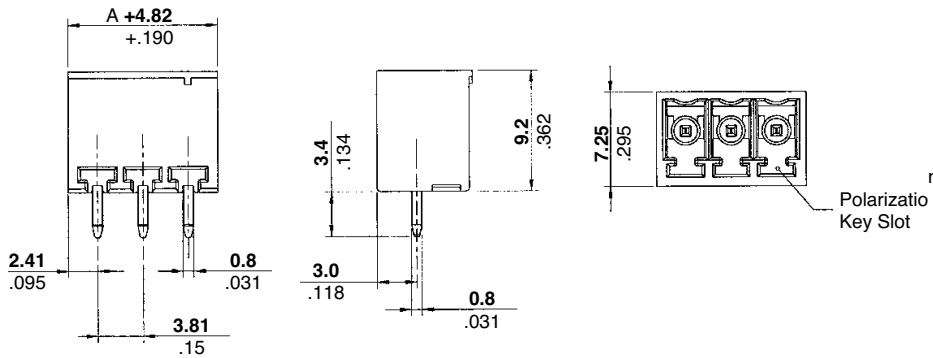
RIGHT-ANGLE



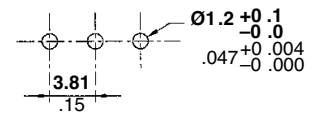
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



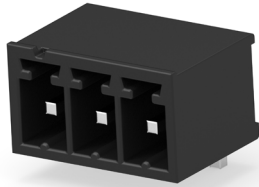
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	3.81 (0.15)	1776135-2	1776131-2
3	7.62 (0.30)	1776135-3	1776131-3
5	15.24 (0.60)	1776135-5	1776131-5
6	19.05 (0.75)	-	1776131-6
8	26.67 (1.05)	1776135-8	1776131-8
10	34.29 (1.35)	-	1-1776131-0
12	41.91 (1.65)	1-1776135-2	-

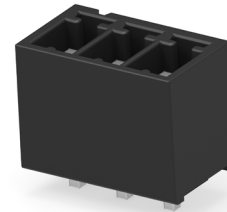
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH TAIL LENGTH - 1.9 mm AND CLOSED ENDS - 3.81 mm PITCH

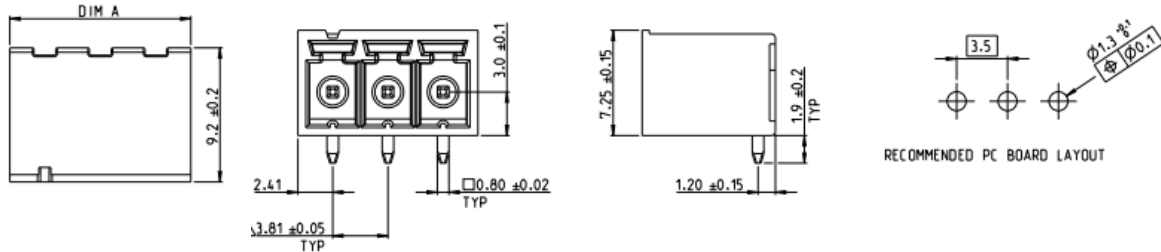
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



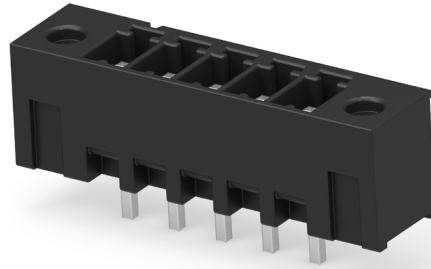
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers	
		90°	180°
2	8.62 (0.34)	2342077-2	2342078-2
3	12.43 (0.49)	2342077-3	2342078-3
4	16.24 (0.64)	2342077-4	2342078-4
5	20.05 (0.79)	2342077-5	2342078-5
6	23.86 (0.94)	2342077-6	2342078-6
7	27.67 (1.09)	2342077-7	2342078-7
8	31.48 (1.24)	2342077-8	2342078-8
9	35.29 (1.39)	2342077-9	2342078-9
10	39.1 (1.54)	1-2342077-0	1-2342078-0
11	42.91 (1.69)	1-2342077-1	1-2342078-1
12	46.72 (1.84)	1-2342077-2	1-2342078-2
13	50.53 (1.99)	1-2342077-3	1-2342078-3
14	54.34 (2.14)	1-2342077-4	1-2342078-4
15	58.15 (2.29)	1-2342077-5	1-2342078-5
16	61.96 (2.44)	1-2342077-6	1-2342078-6
17	65.77 (2.59)	1-2342077-7	1-2342078-7
18	69.58 (2.74)	1-2342077-8	1-2342078-8
19	73.39 (2.89)	1-2342077-9	1-2342078-9
20	77.2 (3.04)	2-2342077-0	2-2342078-0
21	81.01 (3.19)	2-2342077-1	2-2342078-1
22	84.82 (3.34)	2-2342077-2	2-2342078-2
23	88.63 (3.49)	2-2342077-3	2-2342078-3
24	92.44 (3.64)	2-2342077-4	2-2342078-4
25	96.25 (3.79)	2-2342077-5	2-2342078-5

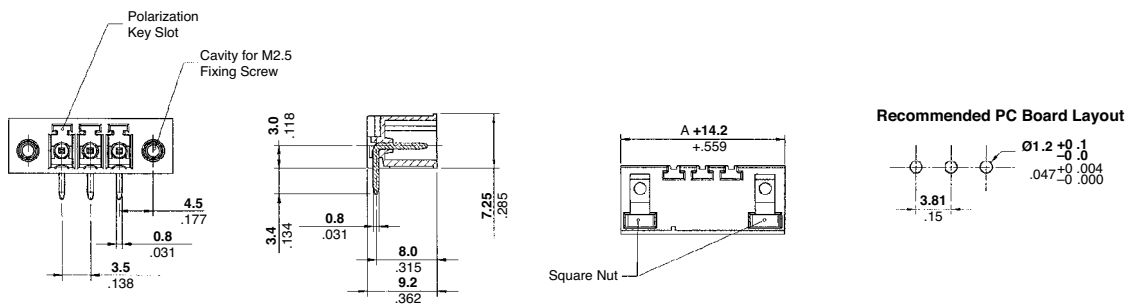
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH SCREW FLANGES - 3.81 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



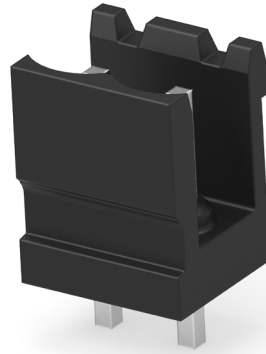
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number
		180°
5	15.24 (0.60)	1776133-5
10	34.29 (1.35)	1-1776133-0

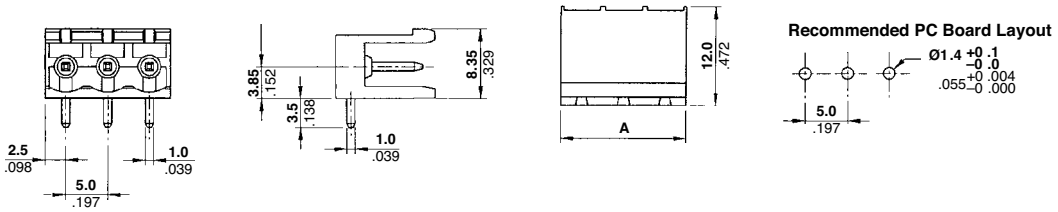
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, STACKABLE HEADER WITH OPEN ENDS - 5.0 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



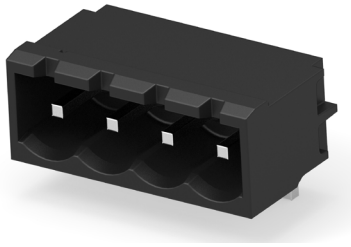
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number
		180°
2	10.0 (0.394)	1776138-2

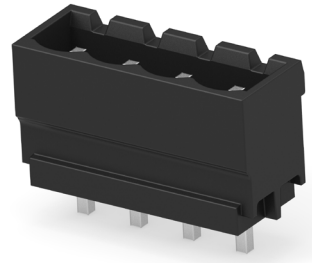
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 5.0 mm PITCH

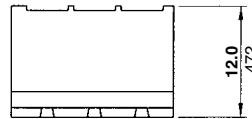
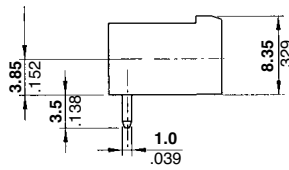
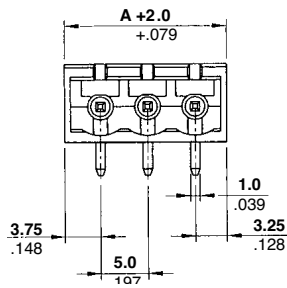
RIGHT-ANGLE



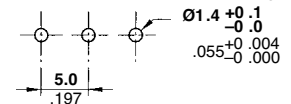
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



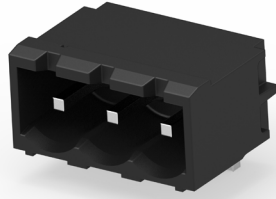
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number	
		90°	180°
2	11.8 (0.46)	-	1776146-2
4	21.8 (0.86)	1776148-4	1776146-4
5	26.8 (1.06)	1776148-5	-
8	41.8 (1.65)	1776148-8	-
3	16.8 (0.66)	2-1776148-3	-

BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH TAIL LENGTH - 2.6 mm AND CLOSED ENDS - 5.0 mm PITCH

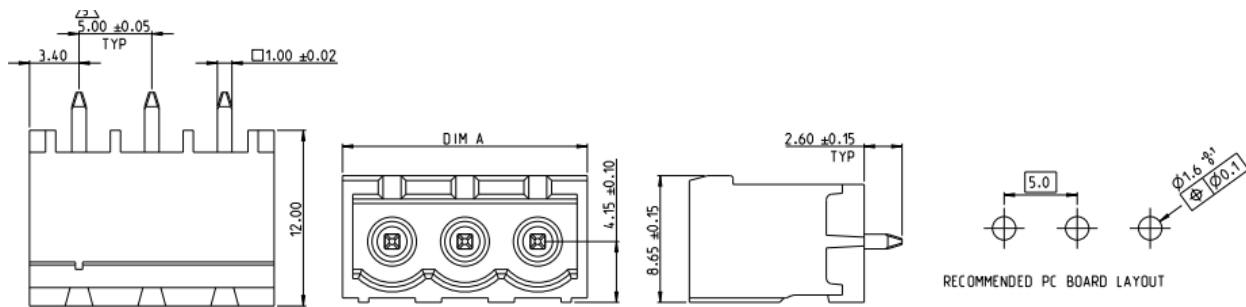
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

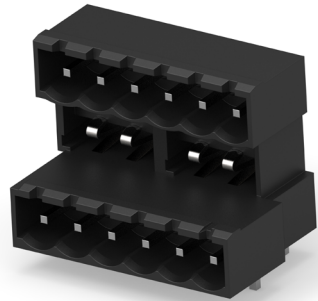
No. of Positions	Dim. A mm(in)	Part Number	
		90°	180°
2	11.8 (0.46)	2342082-2	2342079-2
3	16.8 (0.66)	2342082-3	2342079-3
4	21.8 (0.86)	2342082-4	2342079-4
5	26.8 (1.06)	2342082-5	2342079-5
6	31.8 (1.25)	2342082-6	2342079-6
7	36.8 (1.45)	2342082-7	2342079-7
8	41.8 (1.65)	2342082-8	2342079-8
9	46.8 (1.84)	2342082-9	2342079-9
10	51.8 (2.04)	1-2342082-0	1-2342079-0
11	56.8 (2.24)	1-2342082-1	1-2342079-1
12	61.8 (2.43)	1-2342082-2	1-2342079-2
13	66.8 (2.63)	1-2342082-3	1-2342079-3
14	71.8 (2.83)	1-2342082-4	1-2342079-4
15	76.8 (3.02)	1-2342082-5	1-2342079-5
16	81.8 (3.22)	1-2342082-6	1-2342079-6
17	86.8 (3.42)	1-2342082-7	1-2342079-7
18	91.8 (3.61)	1-2342082-8	1-2342079-8
19	96.8 (3.81)	1-2342082-9	1-2342079-9
20	101.8 (4.01)	2-2342082-0	-

BUCHANAN TERMINAL BLOCKS

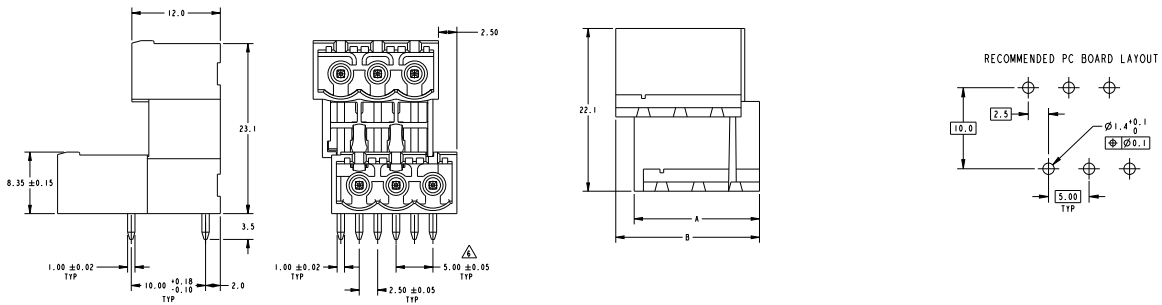
TWO-PIECE TERMINAL BLOCK, MULTI - LEVEL HEADER WITH CLOSED ENDS - 5.0 mm PITCH

RIGHT-ANGLE

VERTICAL



Dimension [Unit: mm(in)]



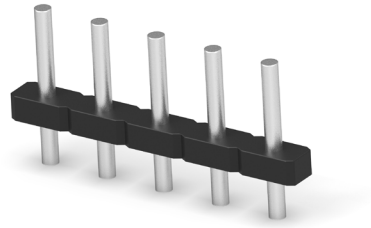
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Number	
			90°	180°
2	12 (0.47)	14.50 (0.57)	1776166-2	-
3	17 (0.67)	19.50 (0.77)	1776166-3	1776164-3
4	22 (0.87)	24.50 (0.96)	1776166-4	-
5	27 (1.06)	24.50 (0.96)	1776166-5	-
6	32 (1.26)	34.50 (1.36)	1776166-6	-

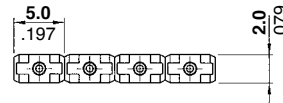
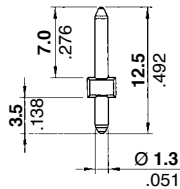
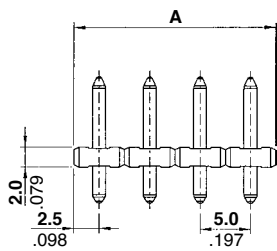
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, UNSHROUDED HEADER - 5.0 mm PITCH

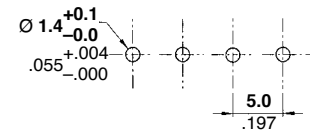
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



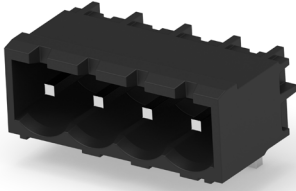
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
2	10 (0.39)	1546931-2
3	15 (0.59)	1546931-3
4	20 (0.79)	1546931-4
5	25 (0.98)	1546931-5
6	30 (1.18)	1546931-6
7	35.0 (1.38)	1546931-7
8	40 (1.57)	1546931-8
10	50 (1.97)	1-1546931-0
12	60 (2.36)	1-1546931-2
22	110 (4.33)	2-1546931-2
24	120 (4.72)	2-1546931-4
25	125 (4.92)	2-1546931-5
4	20 (0.79)	2-1546931-8
5	25 (0.98)	2-1546931-9
2	10 (0.39)	3-1546931-1
3	15 (0.59)	3-1546931-2
6	30 (1.18)	3-1546931-7

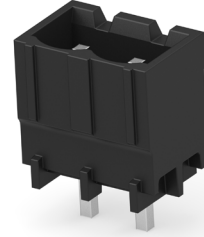
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 5.08 mm PITCH

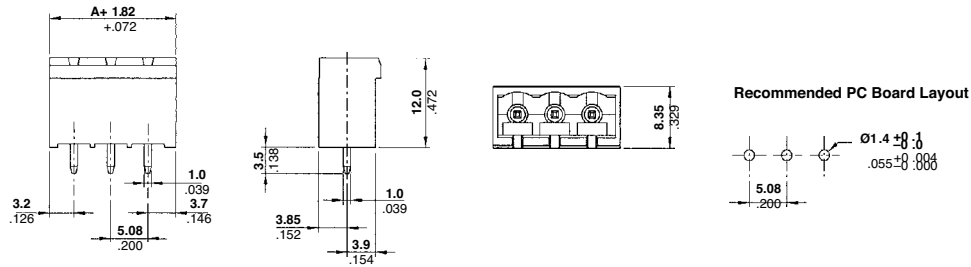
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

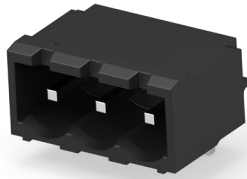
No. of Positions	Dim. A mm(in)	Part Number	
		90°	180°
2	10.16 (0.40)	1776038-4	1776147-2
4	20.32 (0.80)	1776038-5	1776147-4
6	30.48 (1.20)	1776038-6	1776147-6
8	40.64 (1.60)	1776038-8	-

BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH TAIL LENGTH - 2.6 mm AND CLOSED

ENDS - 5.08 mm PITCH

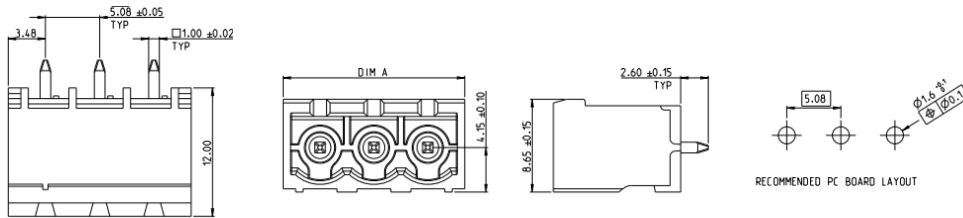
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



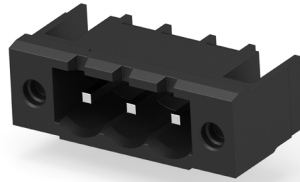
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number	
		90°	180°
2	12.04 (0.47)	2342083-2	2342084-2
3	17.12 (0.67)	2342083-3	2342084-3
4	22.20 (0.87)	2342083-4	2342084-4
5	27.28 (1.07)	2342083-5	2342084-5
6	32.36 (1.27)	2342083-6	2342084-6
7	37.44 (1.47)	2342083-7	2342084-7
8	42.52 (1.67)	2342083-8	2342084-8
9	47.60 (1.87)	2342083-9	2342084-9
10	52.68 (2.07)	1-2342083-0	1-2342084-0
11	57.76 (2.27)	1-2342083-1	1-2342084-1
12	62.84 (2.47)	1-2342083-2	1-2342084-2
13	67.92 (2.67)	1-2342083-3	1-2342084-3
14	73.00 (2.87)	1-2342083-4	1-2342084-4
15	78.08 (3.07)	1-2342083-5	1-2342084-5
16	83.16 (3.27)	1-2342083-6	1-2342084-6
17	88.24 (3.47)	1-2342083-7	1-2342084-7
18	93.32 (3.67)	1-2342083-8	1-2342084-8
19	98.40 (3.87)	1-2342083-9	1-2342084-9
20	103.48 (4.07)	2-2342083-0	2-2342084-0
21	108.56 (4.27)	2-2342083-1	2-2342084-1
22	113.64 (4.47)	2-2342083-2	2-2342084-2
23	118.72 (4.67)	2-2342083-3	2-2342084-3
24	123.80 (4.87)	2-2342083-4	2-2342084-4
25	128.88 (5.07)	2-2342083-5	2-2342084-5
3	17.20 (0.68)	-	5-2342084-3

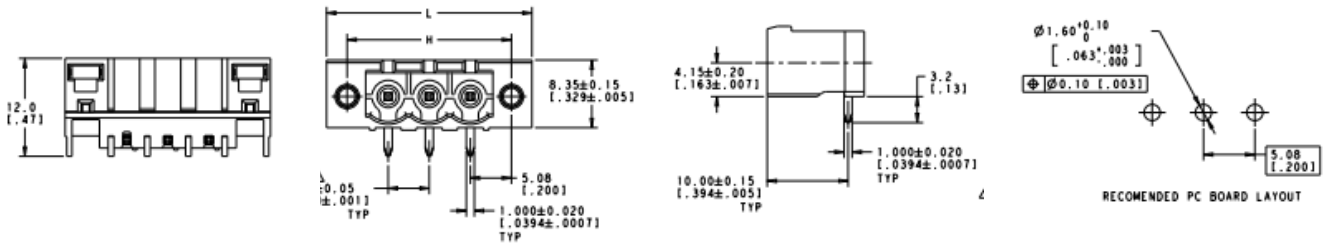
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH SCREW FLANGE - 5.08 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Dim. H mm(in)	Part Number
			90°
3	25.32 (0.996)	20.32 (0.800)	1986766-3

BUCHANAN TERMINAL BLOCKS

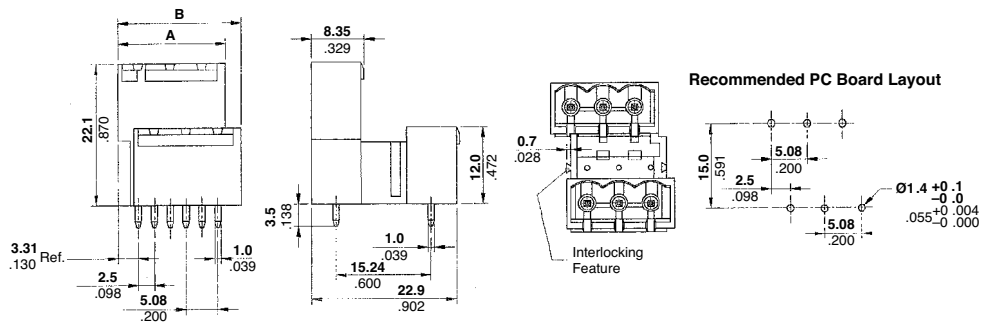
TWO-PIECE TERMINAL BLOCK, MULTILEVEL HEADER WITH CLOSED ENDS - 5.08 mm PITCH

RIGHT-ANGLE

VERTICAL



Dimension [Unit: mm(in)]



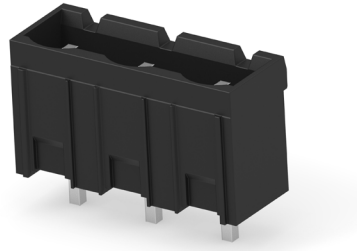
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
3	17.28 (0.68)	19.50 (0.77)	1776167-3	-
4	22.36 (0.88)	24.66 (0.97)	1776167-4	-
6	32.52 (1.28)	34.74 (1.37)	-	1776165-6

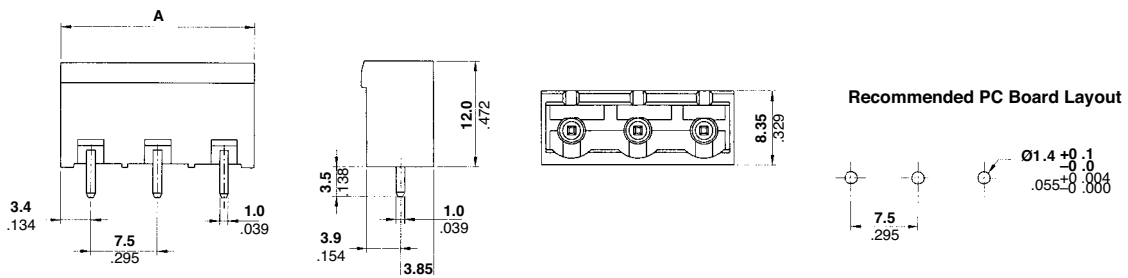
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 7.5 mm PITCH

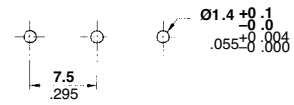
VERTICAL



Dimension [Unit: mm(in)]



Recommended PC Board Layout



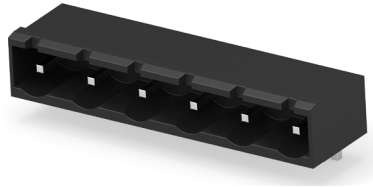
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number
		180°
3	20.32 (0.80)	1776153-3
4	25.40 (1.00)	1776153-4
6	30.48 (1.20)	1776153-6

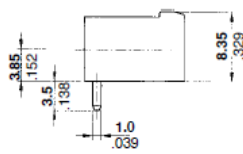
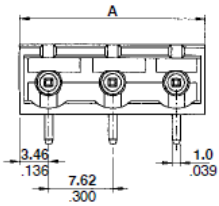
BUCHANAN TERMINAL BLOCKS

TWO-PIECE TERMINAL BLOCK, HEADER WITH CLOSED ENDS - 7.62 mm PITCH

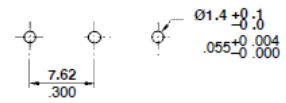
RIGHT-ANGLE



Dimension [Unit: mm(in)]



Recommended PC Board Layout

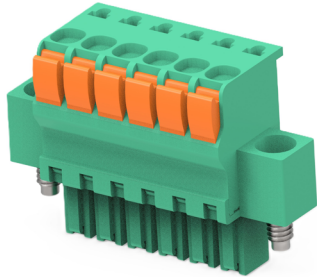


PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Number
		90°
2	14.44 (0.568)	1776155-2
3	22.06 (0.868)	1776155-3
6	44.92 (1.768)	1776155-6

BUCHANAN TERMINAL BLOCKS

SPRING TYPE TERMINAL BLOCK PLUG



MECHANICAL

- Insertion Force per pole 3 N max
- Withdrawal force per pole 1.5 N min
- Stripping Length 10.5 – 11.5 mm
- Operating temperature range -40°C to +110°C

ELECTRICAL

- Wire range 14-30 solid and stranded
- 300 V, 11 A for stranded and 9 A for solid wire per UL
- UL File E60677

MATERIALS

- Clamping Spring steel
- Housing 94V0 rated Polyamide
- Terminals lead-free tin plated copper alloy
- Locking screws brass

STANDARDS AND SPECIFICATIONS

- Approved to UL 1059

PRODUCT DIMENSIONS

- Plug: Height 20.75 mm, Width 11.65 mm, Length dependent on number of positions
- Plug with Mounting Flanges: Height 20.75 mm, Width 11.65 mm, Length dependent on number of positions

TE's range of spring type plugs provide a quick and easy way for installers in the field to mate wires without the use of special tools. TE's comprehensive solutions, including left and right hand spring type plugs, clamp wires in quickly and so save both time and labor for a multitude of control and power wiring applications.

Furthermore, multiple wire access angles offer space savings as they allow for additional configurations and provide flexibility in the design of board layouts in tight spaces. The spring type plugs are available with and without flanges, which adds the benefit of saving space by stacking them end to end. The plugs mate to industry standard open and closed end headers on the same centerline spacing, but are also available in multiple colors and custom marking.

The spring type plugs are available with and without flanges, which adds the benefit of saving space by stacking them end to end. The plugs mate to industry standard open and closed end headers on the same centerline spacing, but are also available in multiple colors and custom marking.

KEY FEATURES

- Multiple wire access angles (90° & 270°) to header interface
- Mates with industry standard headers on the same centerline spacing
- Fast wire connections
- Custom marking and printing available
- Plugs w/o mounting flanges are end to end stackable
- Available in additional colors

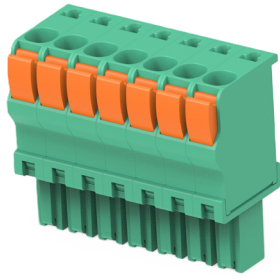
APPLICATIONS

- Wire-to-board applications requiring field wiring termination
- Industrial Controls: control and power wiring
- HVAC Controls: control and power wiring
- Applications subject to certain types of vibrations

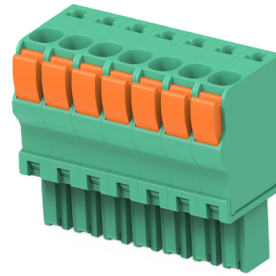
BUCHANAN TERMINAL BLOCKS

SPRING TYPE TERMINAL BLOCK PLUG, SIDE STACKABLE - 3.5 mm PITCH

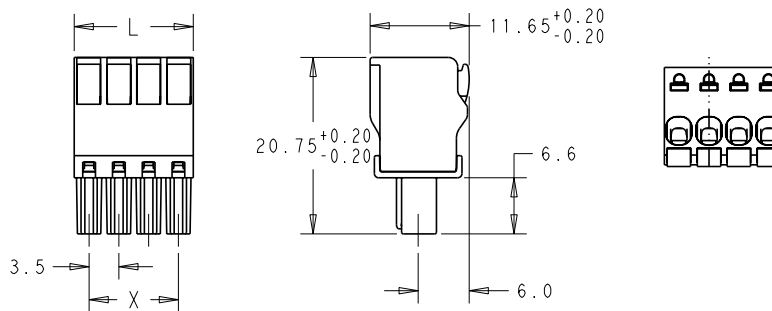
RIGHT-HAND



LEFT-HAND



Dimension [Unit: mm(in)]



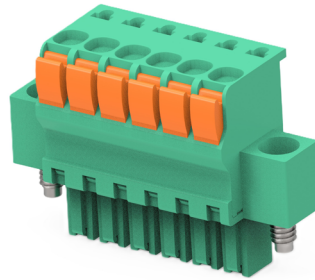
PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Dim. X mm(in)	Part Numbers	
			180°	180°
2	7.0 (0.28)	3.5 (0.14)	1986692-2	1986693-2
3	10.5 (0.41)	7.0 (0.28)	1986692-3	1986693-3
4	14.0 (0.55)	10.5 (0.41)	1986692-4	1986693-4
5	17.5 (0.69)	14.0 (0.55)	1986692-5	1986693-5
6	21.0 (0.83)	17.5 (0.69)	1986692-6	1986693-6
7	24.5 (0.96)	21.0 (0.83)	1986692-7	1986693-7
8	28.0 (1.10)	24.5 (0.96)	1986692-8	1986693-8
9	31.5 (1.24)	28.0 (1.10)	1986692-9	1986693-9
10	35.0 (1.38)	31.5 (1.24)	1-1986692-0	1-1986693-0
11	38.5 (1.52)	35.0 (1.38)	1-1986692-1	1-1986693-1
12	42.0 (1.65)	38.5 (1.52)	1-1986692-2	1-1986693-2
14	49.0 (1.93)	45.5 (1.79)	1-1986692-4	1-1986693-4
15	52.5 (2.07)	49.0 (1.93)	1-1986692-5	-
16	56.0 (2.20)	52.5 (2.07)	1-1986692-6	1-1986693-6
18	63.0 (2.48)	59.5 (2.34)	1-1986692-8	1-1986693-8
20	70.0 (2.76)	66.5 (2.62)	2-1986692-0	2-1986693-0
24	84.0 (3.31)	80.5 (3.17)	2-1986692-4	2-1986693-4

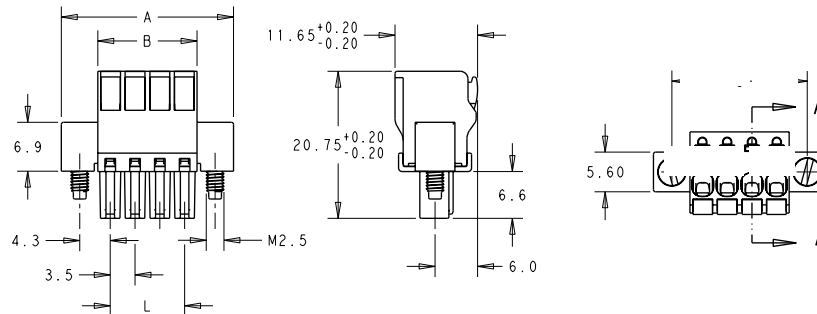
BUCHANAN TERMINAL BLOCKS

SPRING TYPE TERMINAL BLOCK PLUG, WITH FLANGE - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



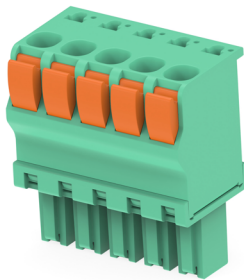
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Dim. L mm(in)	Part Numbers
				180°
2	17.3 (0.68)	7.0 (0.28)	3.5 (0.14)	1986723-2
3	20.8 (0.82)	10.5 (0.41)	7.0 (0.28)	1986723-3
4	24.3 (0.96)	14.0 (0.55)	10.5 (0.41)	1986723-4
5	27.8 (1.09)	17.5 (0.69)	14.0 (0.55)	1986723-5
6	31.3 (1.23)	21.0 (0.83)	17.5 (0.69)	1986723-6
7	34.8 (1.37)	24.5 (0.96)	21.0 (0.83)	1986723-7
8	38.3 (1.51)	28.0 (1.10)	24.5 (0.96)	1986723-8
9	41.8 (1.65)	31.5 (1.24)	28.0 (1.10)	1986723-9
10	45.3 (1.78)	35.0 (1.38)	31.5 (1.24)	1-1986723-0
11	48.8 (1.92)	38.5 (1.52)	35.0 (1.38)	1-1986723-1
12	52.3 (2.06)	42.0 (1.65)	38.5 (1.52)	1-1986723-2
14	59.3 (2.33)	49.0 (1.93)	45.5 (1.79)	1-1986723-4
16	66.3 (2.61)	56.0 (2.20)	52.5 (2.07)	1-1986723-6
18	73.3 (2.89)	63.0 (2.48)	59.5 (2.34)	1-1986723-8
20	80.3 (3.16)	70.0 (2.76)	66.5 (2.62)	2-1986723-0

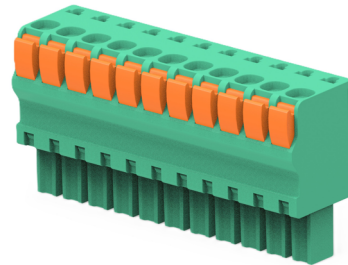
BUCHANAN TERMINAL BLOCKS

SPRING TYPE TERMINAL BLOCK PLUG, SIDE STACKABLE - 3.81 mm PITCH

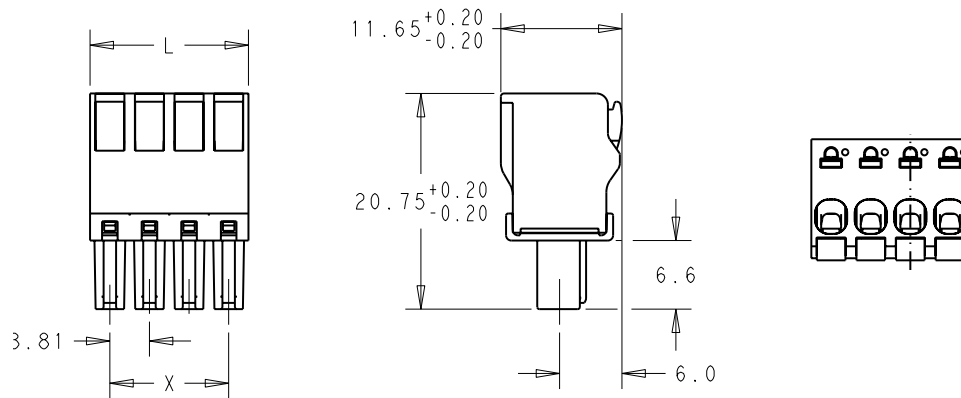
RIGHT-HAND



LEFT-HAND



Dimension [Unit: mm(in)]



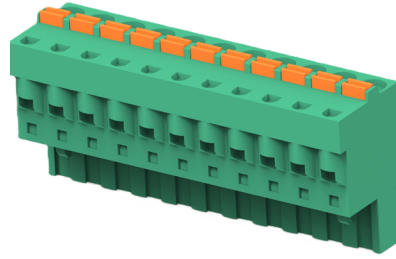
PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Dim. X mm(in)	Part Numbers	
			180°	180°
2	7.62 (0.30)	3.81 (0.15)	1986722-2	1986720-2
3	11.43 (0.45)	7.62 (0.30)	1986722-3	1986720-3
4	15.24 (0.60)	11.43 (0.45)	1986722-4	1986720-4
5	19.05 (0.75)	15.24 (0.60)	1986722-5	1986720-5
6	22.86 (0.90)	19.05 (0.75)	1986722-6	1986720-6
7	26.67 (1.05)	22.86 (0.90)	1986722-7	1986720-7
8	30.48 (1.20)	26.67 (1.05)	1986722-8	1986720-8
9	34.29 (1.35)	30.48 (1.20)	1986722-9	-
10	38.10 (1.50)	34.29 (1.35)	1-1986722-0	1-1986720-0
11	41.91 (1.65)	38.10 (1.50)	1-1986722-1	-
12	45.72 (1.80)	41.91 (1.65)	1-1986722-2	1-1986720-2
14	53.34 (2.10)	49.53 (1.95)	1-1986722-4	-
16	60.96 (2.40)	57.15 (2.25)	1-1986722-6	-
17	64.77 (2.55)	60.96 (2.40)	-	1-1986720-7
18	68.58 (2.70)	64.77 (2.55)	1-1986722-8	-
20	76.20 (3.00)	72.39 (2.85)	2-1986722-0	-
24	91.44 (3.60)	87.63 (3.45)	2-1986722-4	-

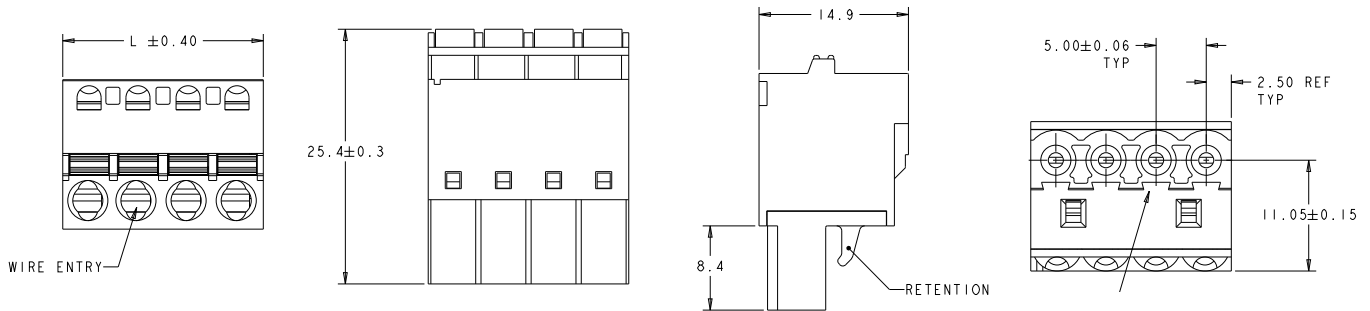
BUCHANAN TERMINAL BLOCKS

SPRING TYPE TERMINAL BLOCK PLUG - 5.0 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



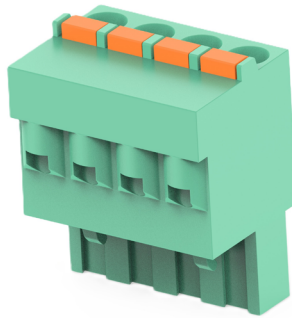
PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Part Numbers
		180°
2	10.0 (0.39)	1546557-2
3	15.0 (0.59)	1546557-3
4	20.0 (0.79)	1546557-4
5	25.0 (0.98)	1546557-5
6	30.0 (1.18)	1546557-6
7	35.0 (1.38)	1546557-7
8	40.0 (1.57)	1546557-8
9	45.0 (1.77)	1546557-9
10	50.0 (1.97)	1-1546557-0
11	55.0 (2.17)	1-1546557-1
12	60.0 (2.36)	1-1546557-2

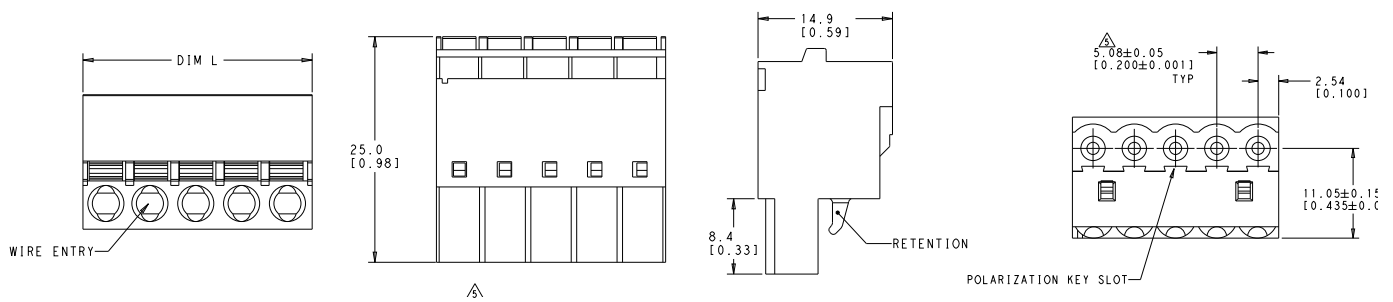
BUCHANAN TERMINAL BLOCKS

SPRING TYPE TERMINAL BLOCK PLUG - 5.08 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



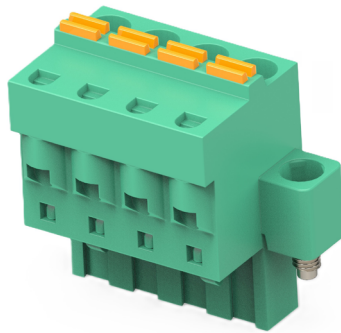
PRODUCT INFORMATION

No. of Positions	Dim. L mm(in)	Part Numbers
		180°
2	20.32 (0.80)	1986262-2
3	15.24 (0.60)	1986262-3
4	10.16 (0.40)	1986262-4
6	30.48 (1.20)	1986262-6
8	45.72 (1.80)	1986262-8
9	40.64 (1.600)	1986262-9
10	50.80 (2.00)	1-1986262-0
12	60.96 (2.40)	1-1986262-2

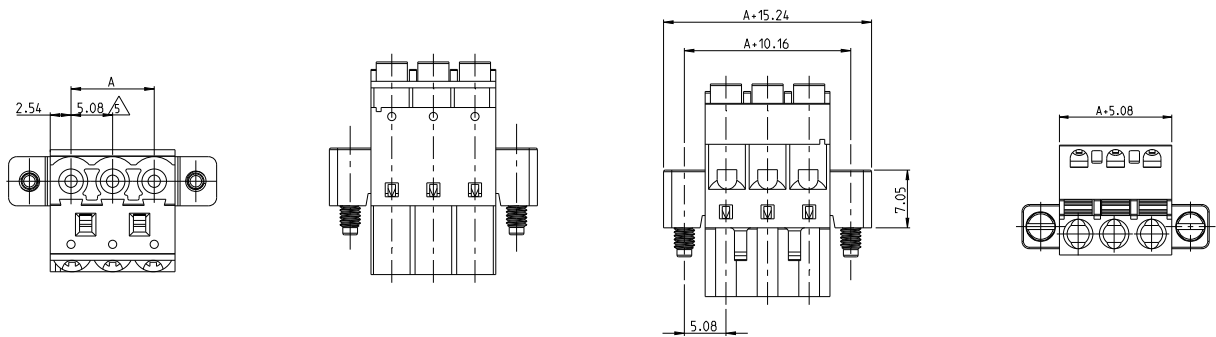
BUCHANAN TERMINAL BLOCKS

SPRING TYPE TERMINAL BLOCK PLUG, WITH FLANGE - 5.08 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]

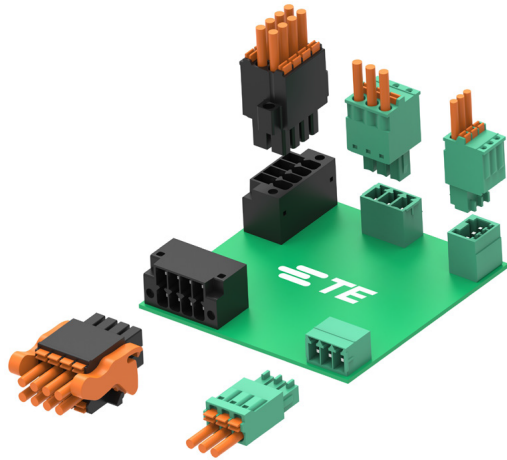


PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		180°
3	10.16 (0.40)	1986830-3
4	15.24 (0.60)	1986830-4
6	25.4 (1.00)	1986830-6
8	35.56 (1.40)	1986830-8
18	86.36 (3.40)	1-1986830-8

BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCKS



APPLICATIONS

- Servo / Inverter drives
- Industrial controls / PLC (Programmable Logic Controller)
- Safety controls / modules
- Power supply units
- HVAC (Heating Ventilation Air Conditioning)

FEATURE

- Centerline:
 - 2.5 mm / 0.098 inches
 - 3.5 mm / 0.138 inches
 - 3.81 mm / 0.15 inches
 - 5.0 mm / 0.197 inches
 - 5.08 mm / 0.2 inches
- Connector Size: Single row, Dual row

Push-in terminal blocks offer a modern, efficient solution for PCB connectivity, enabling fast and reliable wire termination without the need for tools. Designed to accept both ferruled and unferruled wires, push-in clamp technology significantly reduces installation time—by up to 80% compared to traditional screw-clamp connections—resulting in substantial labor and cost savings. Available in multiple pitches such as 2.5 mm, 3.5 mm, 3.81 mm, 5.0 mm and 5.08 mm these terminal blocks typically feature two-piece plug connectors with straight or right-angle shrouded headers, providing flexibility for high-density signal and power applications. The secure, vibration-resistant connection improves reliability while minimizing maintenance and downtime, making push-in terminal blocks ideal for control systems, industrial equipment, and demanding environments.

BENEFITS

- Push-in clamp termination leads to reduced labor costs because of the shorter wiring time
- Design flexibility from various pitches and number of positions supports use in a wide range of applications, including harsh environments
- Maintenance reduced push-in clamp technology limits downtime and provides reliability of manufacturing process equipment and control devices

MATERIALS

- Housing: Polyamide, UL94 V0, green/black; Headers housing (HT) - LCP UL V0
- Terminals: Copper Alloy, Tin Plated
- Push Button: POM (Polyoxymethylene), UL94 HB, Orange
- Spring: Steel

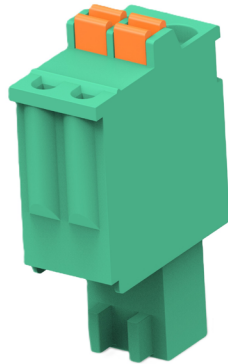
STANDARD

- RoHS & REACH compliant
- UL certified

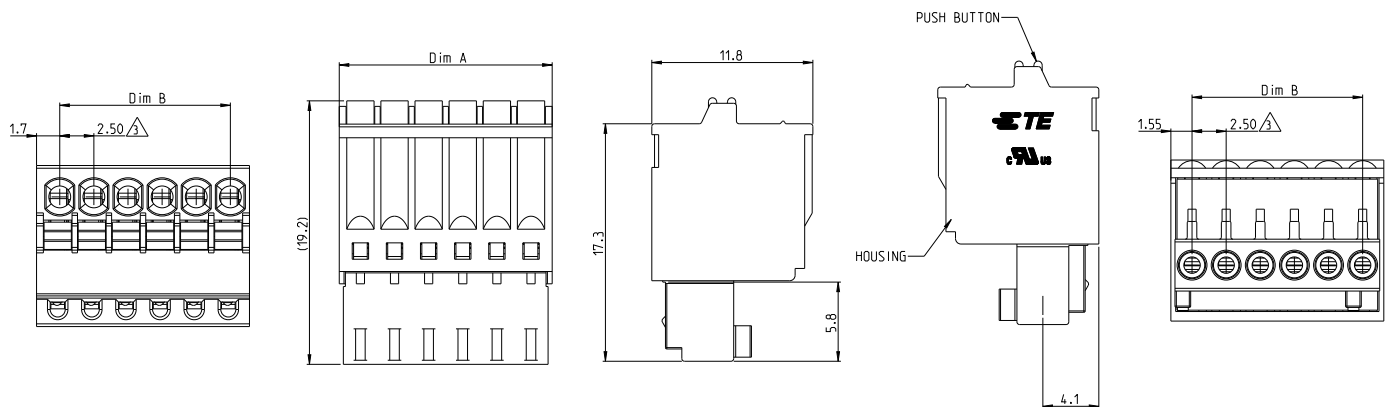
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG - 2.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



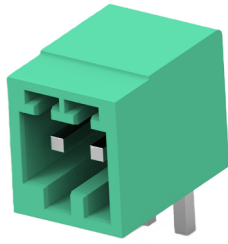
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2	5.6 (0.22)	2.5 (0.10)	2842528-2
3	8.1 (0.32)	5.0 (0.20)	2842528-3
4	10.6 (0.42)	7.5 (0.30)	2842528-4
5	13.1 (0.52)	10.0 (0.39)	2842528-5
6	15.6 (0.61)	12.5 (0.49)	2842528-6
7	18.1 (0.71)	15.0 (0.59)	2842528-7
8	20.6 (0.81)	17.5 (0.69)	2842528-8
9	23.1 (0.91)	20.0 (0.79)	2842528-9
10	25.6 (1.01)	22.5 (0.89)	1-2842528-0
11	28.1 (1.11)	25 (0.98)	1-2842528-1
12	30.6 (1.20)	27.5 (1.08)	1-2842528-2
14	35.6 (1.40)	32.5 (1.28)	1-2842528-4
16	40.6 (1.60)	37.5 (1.48)	1-2842528-6
20	50.6 (1.99)	47.5 (1.87)	2-2842528-0
24	60.6 (2.39)	57.5 (2.26)	2-2842528-4

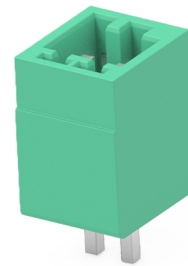
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER - 2.5 mm PITCH

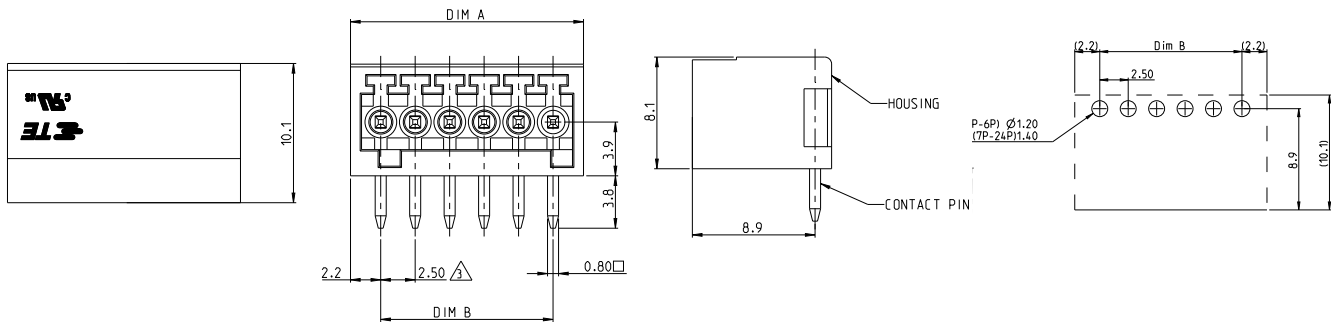
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



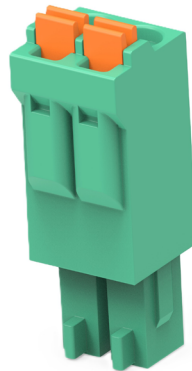
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
2	6.9 (0.27)	2.5 (0.10)	2842530-2	2842529-2
3	9.4 (0.37)	5 (0.20)	2842530-3	2842529-3
4	11.9 (0.47)	7.5 (0.30)	2842530-4	2842529-4
5	14.4 (0.57)	10.0 (0.39)	2842530-5	2842529-5
6	16.9 (0.67)	12.5 (0.49)	2842530-6	2842529-6
7	19.4 (0.76)	15.0 (0.59)	2842530-7	2842529-7
8	21.9 (0.86)	17.5 (0.69)	2842530-8	2842529-8
9	24.4 (0.96)	20.0 (0.79)	2842530-9	2842529-9
10	26.9 (1.06)	22.5 (0.89)	1-2842530-0	1-2842529-0
11	29.4 (1.16)	25.0 (0.98)	1-2842530-1	1-2842529-1
12	31.9 (1.26)	27.5 (1.08)	1-2842530-2	1-2842529-2
14	36.9 (1.45)	32.5 (1.28)	1-2842530-4	1-2842529-4
16	41.9 (1.65)	37.5 (1.48)	1-2842530-6	1-2842529-6
20	51.9 (2.04)	47.5 (1.87)	2-2842530-0	2-2842529-0
24	61.9 (2.44)	57.5 (2.26)	2-2842530-4	2-2842529-4

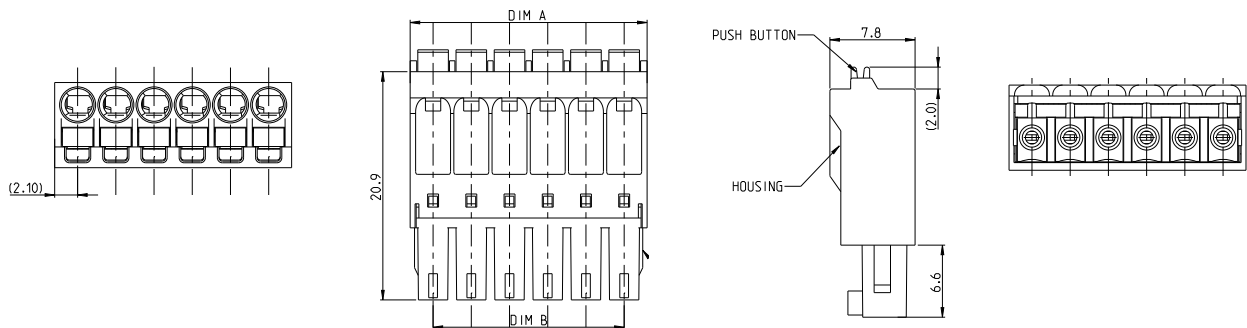
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

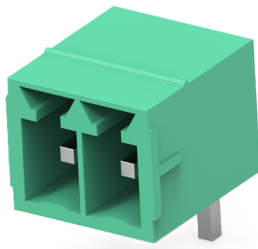
No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2	7.7 (0.30)	3.5 (0.14)	2842474-2
3	11.2 (0.44)	7.0 (0.28)	2842474-3
4	14.7 (0.58)	10.5 (0.41)	2842474-4
5	18.2 (0.72)	14.0 (0.55)	2842474-5
6	21.7 (0.85)	17.5 (0.69)	2842474-6
7	25.2 (0.99)	21.0 (0.83)	2842474-7
8	28.7 (1.13)	24.5 (0.96)	2842474-8
9	32.2 (1.27)	28.0 (1.10)	2842474-9
10	35.7 (1.41)	31.5 (1.24)	1-2842474-0
11	39.2 (1.54)	35.0 (1.38)	1-2842474-1
12	42.7 (1.68)	38.5 (1.52)	1-2842474-2
14	49.7 (1.96)	45.5 (1.79)	1-2842474-4
16	56.7 (2.23)	52.5 (2.7)	1-2842474-6
20	70.7 (2.78)	66.5 (2.62)	2-2842474-0
24	84.7 (3.33)	80.5 (3.17)	2-2842474-4

Note: BUCHANAN Terminal Block 2842474* has been replaced with Part Number 2842475* (Black)

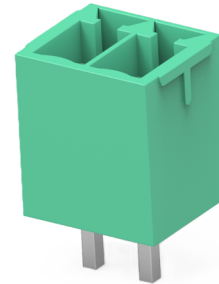
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER - 3.5 mm PITCH

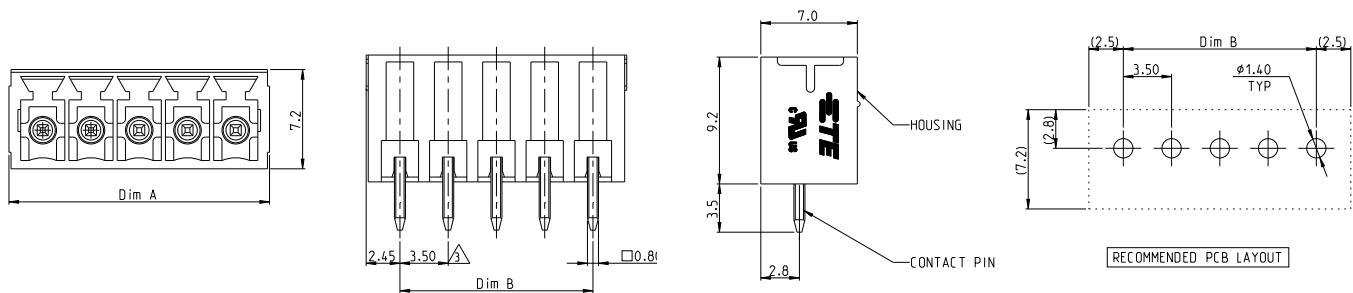
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
2	8.4 (0.33)	3.5 (0.14)	2842478-2	2842476-2
3	11.9 (0.47)	7.0 (0.28)	2842478-3	2842476-3
4	15.4 (0.61)	10.5 (0.41)	2842478-4	2842476-4
5	18.9 (0.74)	14.0 (0.55)	2842478-5	2842476-5
6	22.4 (0.88)	17.5 (0.69)	2842478-6	2842476-6
7	25.9 (1.02)	21.0 (0.83)	2842478-7	2842476-7
8	29.4 (1.16)	24.5 (0.96)	2842478-8	2842476-8
9	32.9 (1.30)	28.0 (1.10)	2842478-9	2842476-9
10	36.4 (1.43)	31.5 (1.24)	1-2842478-0	1-2842476-0
11	39.9 (1.57)	35.0 (1.38)	1-2842478-1	1-2842476-1
12	43.4 (1.71)	38.5 (1.52)	1-2842478-2	1-2842476-2
14	50.4 (1.98)	45.5 (1.79)	1-2842478-4	1-2842476-4
16	57.4 (2.26)	52.5 (2.7)	1-2842478-6	1-2842476-6
20	71.4 (2.81)	66.5 (2.62)	2-2842478-0	2-2842476-0
24	85.4 (3.36)	80.5 (3.17)	2-2842478-4	2-2842476-4

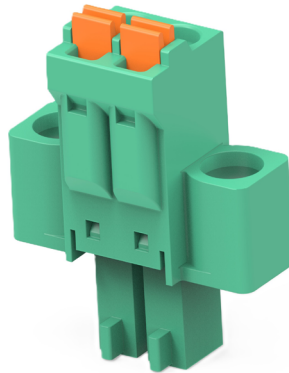
Note:

1. BUCHANAN Terminal Block 2842478* has been replaced with Part Number 2842479* (Black)
2. BUCHANAN Terminal Block 2842476* has been replaced with Part Number 2842477* (Black)

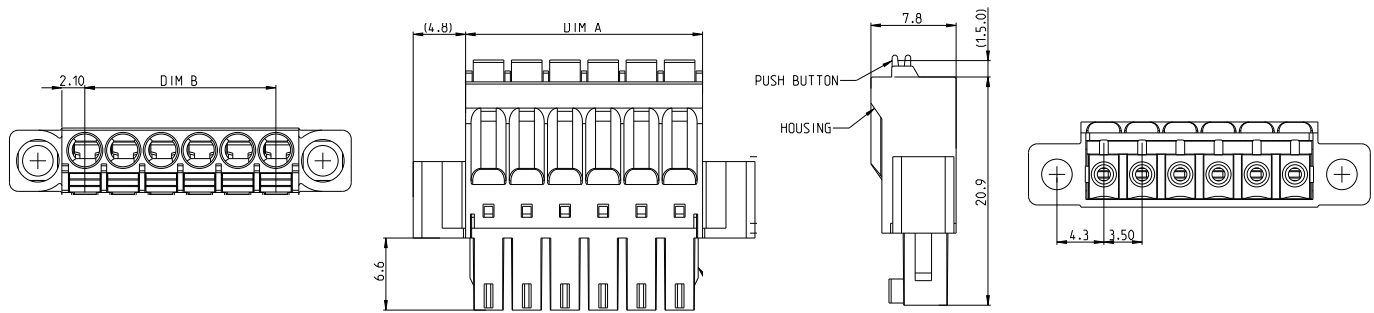
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG, WITH FLANGE - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

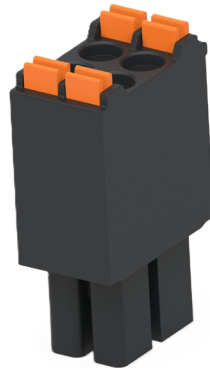
No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2	7.7 (0.30)	3.5 (0.14)	2842480-2
3	11.2 (0.44)	7.0 (0.28)	2842480-3
4	14.7 (0.58)	10.5 (0.41)	2842480-4
5	18.2 (0.72)	14.0 (0.55)	2842480-5
6	21.7 (0.85)	17.5 (0.69)	2842480-6
7	25.2 (0.99)	21.0 (0.83)	2842480-7
8	28.7 (1.13)	24.5 (0.96)	2842480-8
9	32.2 (1.27)	28.0 (1.10)	2842480-9
10	35.7 (1.41)	31.5 (1.24)	1-2842480-0
11	39.2 (1.54)	35.0 (1.38)	1-2842480-1
12	42.7 (1.68)	38.5 (1.52)	1-2842480-2
14	49.7 (1.96)	45.5 (1.79)	1-2842480-4
16	56.7 (2.23)	52.5 (2.7)	1-2842480-6
20	70.7 (2.78)	66.5 (2.62)	2-2842480-0
24	84.7 (3.33)	80.5 (3.17)	2-2842480-4

Note: BUCHANAN Terminal Block 2842480* has been replaced with Part Number 2842481* (Black)

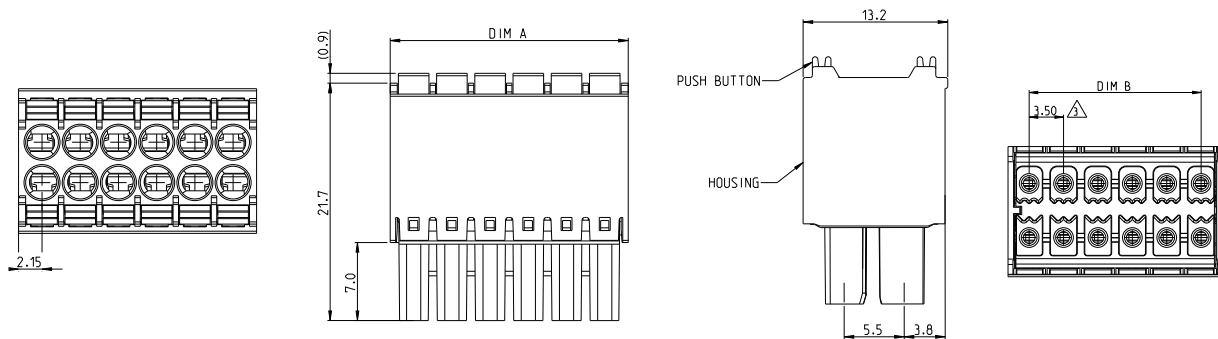
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG, DUAL ROW - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2*2	7.7 (0.30)	3.5 (0.14)	2842487-2
2*3	11.2 (0.44)	7.0 (0.28)	2842487-3
2*4	14.7 (0.58)	10.5 (0.41)	2842487-4
2*5	18.2 (0.72)	14.0 (0.55)	2842487-5
2*6	21.7 (0.85)	17.5 (0.69)	2842487-6
2*7	25.2 (0.99)	21.0 (0.83)	2842487-7
2*8	28.7 (1.13)	24.5 (0.96)	2842487-8
2*9	32.2 (1.27)	28.0 (1.10)	2842487-9
2*10	35.7 (1.41)	31.5 (1.24)	1-2842487-0
2*11	39.2 (1.54)	35.0 (1.38)	1-2842487-1
2*12	42.7 (1.68)	38.5 (1.52)	1-2842487-2
2*14	49.7 (1.96)	45.5 (1.79)	1-2842487-4
2*16	56.7 (2.23)	52.5 (2.7)	1-2842487-6
2*20	70.7 (2.78)	66.5 (2.62)	2-2842487-0
2*24	84.7 (3.33)	80.5 (3.17)	2-2842487-4

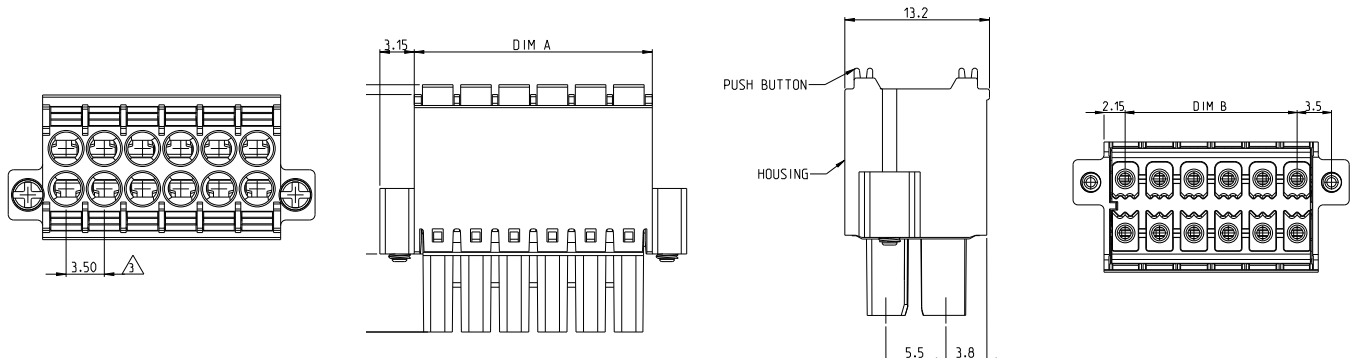
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG, DUAL ROW, WITH FLANGE - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



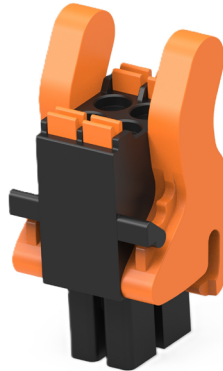
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2*2	7.7 (0.30)	3.5 (0.14)	2842493-2
2*3	11.2 (0.44)	7.0 (0.28)	2842493-3
2*4	14.7 (0.58)	10.5 (0.41)	2842493-4
2*5	18.2 (0.72)	14.0 (0.55)	2842493-5
2*6	21.7 (0.85)	17.5 (0.69)	2842493-6
2*7	25.2 (0.99)	21.0 (0.83)	2842493-7
2*8	28.7 (1.13)	24.5 (0.96)	2842493-8
2*9	32.2 (1.27)	28.0 (1.10)	2842493-9
2*10	35.7 (1.41)	31.5 (1.24)	1-2842493-0
2*11	39.2 (1.54)	35.0 (1.38)	1-2842493-1
2*12	42.7 (1.68)	38.5 (1.52)	1-2842493-2
2*14	49.7 (1.96)	45.5 (1.79)	1-2842493-4
2*16	56.7 (2.23)	52.5 (2.7)	1-2842493-6
2*20	70.7 (2.78)	66.5 (2.62)	2-2842493-0
2*24	84.7 (3.33)	80.5 (3.17)	2-2842493-4

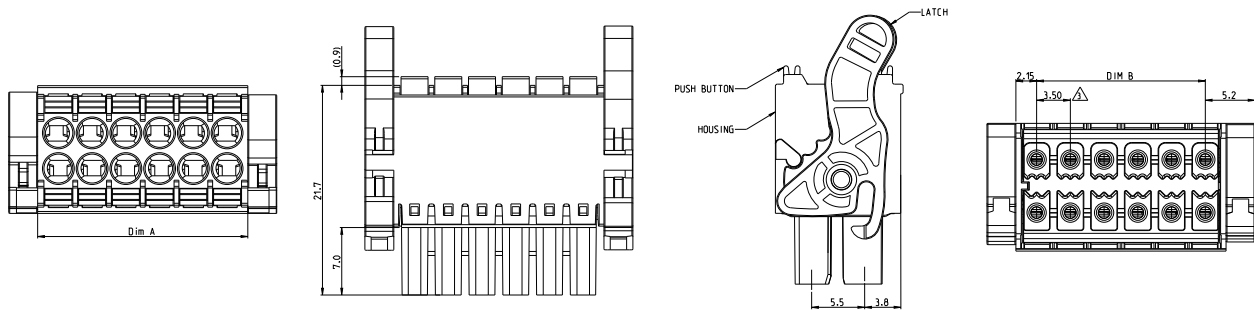
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG, DUAL ROW, WITH LEVER - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



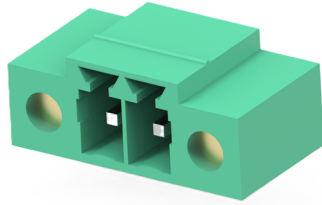
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2*2	7.7 (0.30)	3.5 (0.14)	2842499-2
2*3	11.2 (0.44)	7.0 (0.28)	2842499-3
2*4	14.7 (0.58)	10.5 (0.41)	2842499-4
2*5	18.2 (0.72)	14.0 (0.55)	2842499-5
2*6	21.7 (0.85)	17.5 (0.69)	2842499-6
2*7	25.2 (0.99)	21.0 (0.83)	2842499-7
2*8	28.7 (1.13)	24.5 (0.96)	2842499-8
2*9	32.2 (1.27)	28.0 (1.10)	2842499-9
2*10	35.7 (1.41)	31.5 (1.24)	1-2842499-0
2*11	39.2 (1.54)	35.0 (1.38)	1-2842499-1
2*12	42.7 (1.68)	38.5 (1.52)	1-2842499-2
2*14	49.7 (1.96)	45.5 (1.79)	1-2842499-4
2*16	56.7 (2.23)	52.5 (2.7)	1-2842499-6
2*17	60.2 (2.37)	56 (2.20)	1-2842499-7
2*20	70.7 (2.78)	66.5 (2.62)	2-2842499-0
2*24	84.7 (3.33)	80.5 (3.17)	2-2842499-4

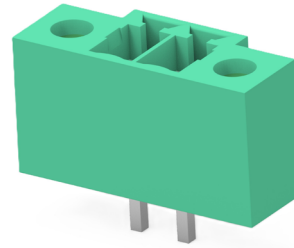
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER, WITH FLANGE - 3.5 mm PITCH

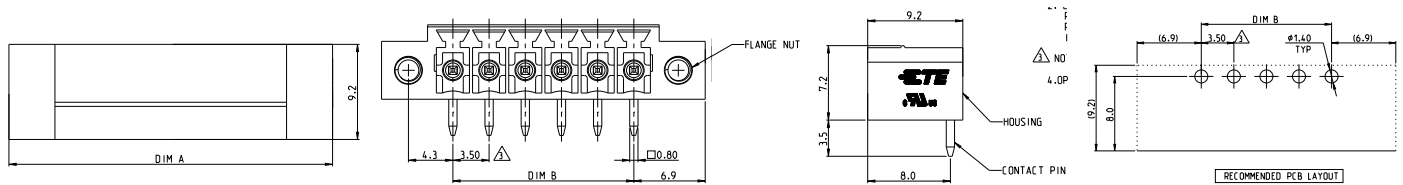
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
2	17.3 (0.68)	3.5 (0.14)	2842484-2	2842482-2
3	20.8 (0.82)	7.0 (0.28)	2842484-3	2842482-3
4	24.3 (0.96)	10.5 (0.41)	2842484-4	2842482-4
5	27.8 (1.09)	14.0 (0.55)	2842484-5	2842482-5
6	31.3 (1.23)	17.5 (0.69)	2842484-6	2842482-6
7	34.8 (1.37)	21.0 (0.83)	2842484-7	2842482-7
8	38.3 (1.51)	24.5 (0.96)	2842484-8	2842482-8
9	41.8 (1.65)	28.0 (1.10)	2842484-9	2842482-9
10	45.3 (1.78)	31.5 (1.24)	1-2842484-0	1-2842482-0
11	48.8 (1.92)	35.0 (1.38)	1-2842484-1	1-2842482-1
12	52.3 (2.06)	38.5 (1.52)	1-2842484-2	1-2842482-2
14	59.3 (2.33)	45.5 (1.79)	1-2842484-4	1-2842482-4
16	66.3 (2.61)	52.5 (2.7)	1-2842484-6	1-2842482-6
20	80.3 (3.16)	66.5 (2.62)	2-2842484-0	2-2842482-0
24	94.3 (3.71)	80.5 (3.17)	2-2842484-4	2-2842482-4

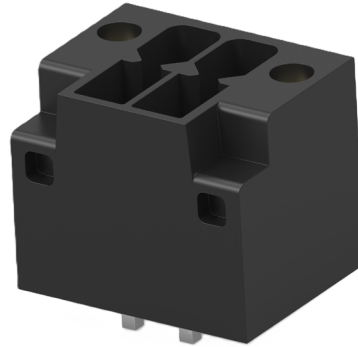
Note:

1. BUCHANAN Terminal Block 2842484* has been replaced with Part Number 2842485* (Black)
2. BUCHANAN Terminal Block 2842482* has been replaced with Part Number 2842483* (Black)

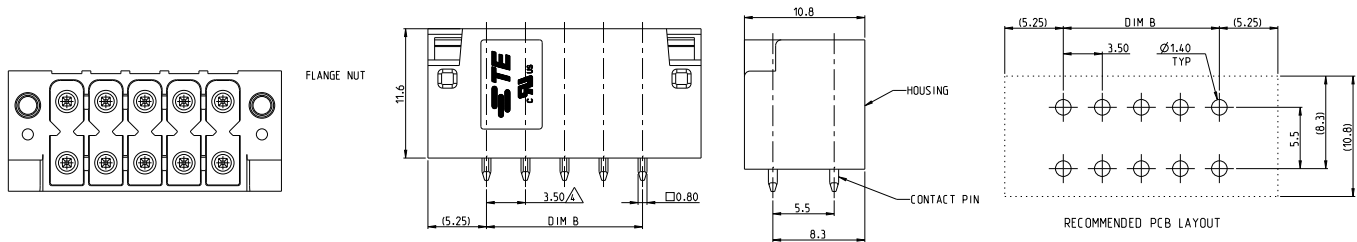
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER, DUAL ROW, WITH FLANGE - 3.5 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



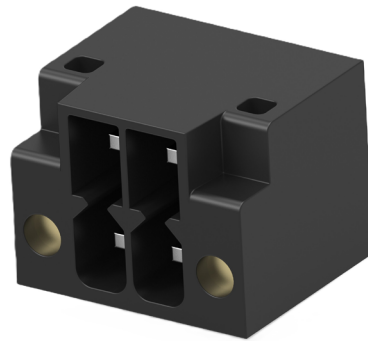
PRODUCT INFORMATION

No. of Positions	Dim. B mm(in)	Part Numbers
		180°
2*2	14.0 (0.55)	2842495-2
2*3	17.5 (0.69)	2842495-3
2*4	21.0 (0.83)	2842495-4
2*5	24.5 (0.96)	2842495-5
2*6	28.0 (1.10)	2842495-6
2*7	31.5 (1.24)	2842495-7
2*8	35.0 (1.38)	2842495-8
2*9	38.5 (1.52)	2842495-9
2*10	42.0 (1.65)	1-2842495-0
2*11	45.5 (1.79)	1-2842495-1
2*12	49.0 (1.93)	1-2842495-2
2*14	56.0 (2.20)	1-2842495-4
2*16	63.0 (2.48)	1-2842495-6
2*17	66.5 (2.62)	1-2842495-7
2*20	77.0 (3.03)	2-2842495-0
2*24	91.0 (3.58)	2-2842495-4

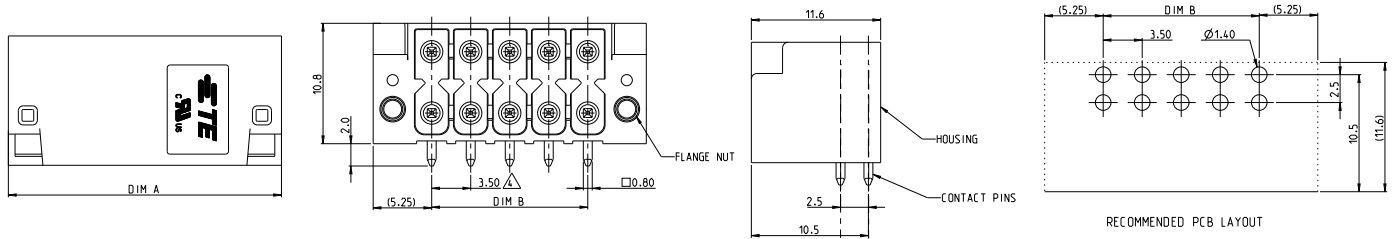
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER, DUAL ROW, WITH SIDE LATCH - 3.5 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



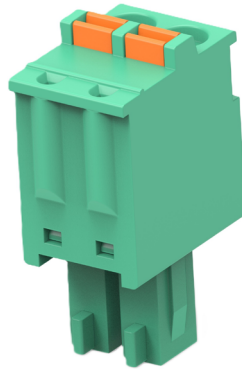
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Part Numbers
		90°
2*2	14.0 (0.55)	2842497-2
2*3	17.5 (0.69)	2842497-3
2*4	21.0 (0.83)	2842497-4
2*5	24.5 (0.96)	2842497-5
2*6	28.0 (1.10)	2842497-6
2*7	31.5 (1.24)	2842497-7
2*8	35.0 (1.38)	2842497-8
2*9	38.5 (1.52)	2842497-9
2*10	42.0 (1.65)	1-2842497-0
2*11	45.5 (1.79)	1-2842497-1
2*12	49.0 (1.93)	1-2842497-2
2*14	56.0 (2.20)	1-2842497-4
2*16	63.0 (2.48)	1-2842497-6
2*17	66.5 (2.62)	1-2842497-7
2*20	77.0 (3.03)	2-2842497-0
2*24	91.0 (3.58)	2-2842497-4

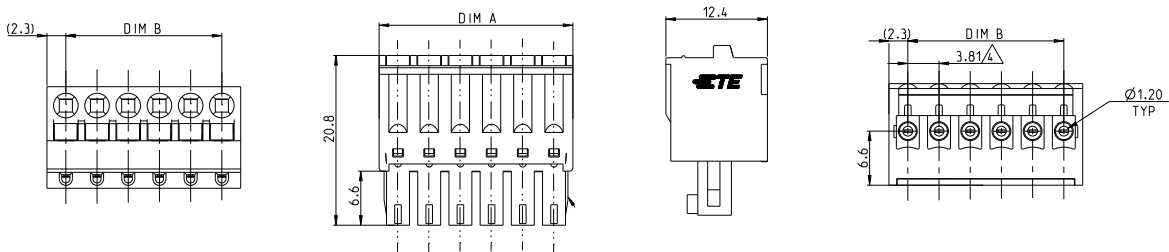
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG - 3.81 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



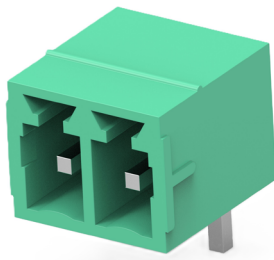
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2	8.42 (0.33)	3.81 (0.15)	2842500-2
3	12.23 (0.48)	7.62 (0.30)	2842500-3
4	16.04 (0.63)	11.43 (0.45)	2842500-4
5	19.85 (0.78)	15.24 (0.60)	2842500-5
6	23.66 (0.93)	19.05 (0.75)	2842500-6
7	27.47 (1.08)	22.86 (0.90)	2842500-7
8	31.28 (1.23)	26.67 (1.05)	2842500-8
9	35.09 (1.38)	30.48 (1.20)	2842500-9
10	38.90 (1.53)	34.29 (1.35)	1-2842500-0
11	42.71 (1.68)	38.10 (1.50)	1-2842500-1
12	46.52 (1.83)	41.91 (1.65)	1-2842500-2
14	54.14 (2.13)	49.53 (1.95)	1-2842500-4
16	61.76 (2.43)	57.15 (2.25)	1-2842500-6
20	77.00 (3.03)	72.39 (2.85)	2-2842500-0
24	92.24 (3.63)	87.63 (3.45)	2-2842500-4

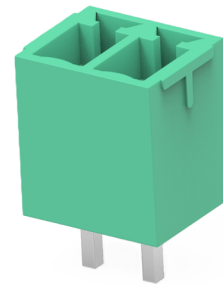
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER - 3.81 mm PITCH

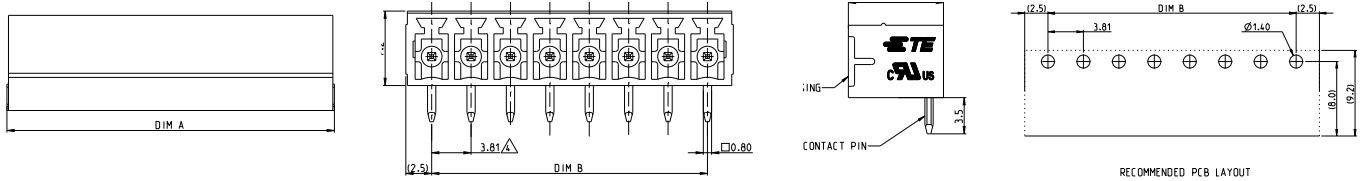
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



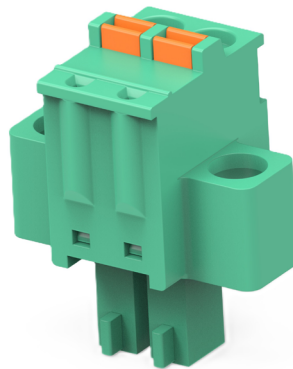
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
2	8.81 (0.35)	3.81 (0.15)	2842504-2	2842502-2
3	12.62 (0.50)	7.62 (0.30)	2842504-3	2842502-3
4	16.43 (0.65)	11.43 (0.45)	2842504-4	2842502-4
5	20.24 (0.80)	15.24 (0.60)	2842504-5	2842502-5
6	24.05 (0.95)	19.05 (0.75)	2842504-6	2842502-6
7	27.86 (1.10)	22.86 (0.90)	2842504-7	2842502-7
8	31.67 (1.25)	26.67 (1.05)	2842504-8	2842502-8
9	35.48 (1.40)	30.48 (1.20)	2842504-9	2842502-9
10	39.29 (1.55)	34.29 (1.35)	1-2842504-0	1-2842502-0
11	43.10 (1.70)	38.10 (1.50)	1-2842504-1	1-2842502-1
12	46.91 (1.85)	41.91 (1.65)	1-2842504-2	1-2842502-2
14	54.53 (2.15)	49.53 (1.95)	1-2842504-4	1-2842502-4
16	62.15 (2.45)	57.15 (2.25)	1-2842504-6	1-2842502-6
20	77.39 (3.05)	72.39 (2.85)	2-2842504-0	2-2842502-0
24	92.63 (3.65)	87.63 (3.45)	2-2842504-4	2-2842502-4

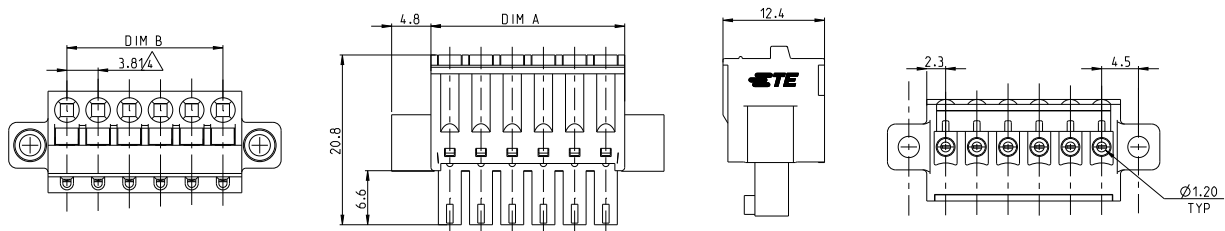
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG, WITH FLANGE - 3.81 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



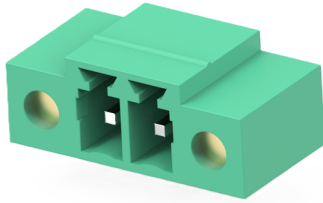
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers
			180°
2	8.42 (0.33)	3.81 (0.15)	2842506-2
3	12.23 (0.48)	7.62 (0.30)	2842506-3
4	16.04 (0.63)	11.43 (0.45)	2842506-4
5	19.85 (0.78)	15.24 (0.60)	2842506-5
6	23.66 (0.93)	19.05 (0.75)	2842506-6
7	27.47 (1.08)	22.86 (0.90)	2842506-7
8	31.28 (1.23)	26.67 (1.05)	2842506-8
9	35.09 (1.38)	30.48 (1.20)	2842506-9
10	38.9 (1.53)	34.29 (1.35)	1-2842506-0
11	42.71 (1.68)	38.10 (1.50)	1-2842506-1
12	46.52 (1.83)	41.91 (1.65)	1-2842506-2
14	54.14 (2.13)	49.53 (1.95)	1-2842506-4
16	61.76 (2.43)	57.15 (2.25)	1-2842506-6
20	77.00 (3.03)	72.39 (2.85)	2-2842506-0
24	92.24 (3.63)	87.63 (3.45)	2-2842506-4

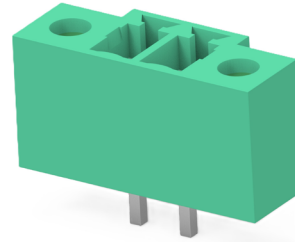
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER, WITH FLANGE - 3.81 mm PITCH

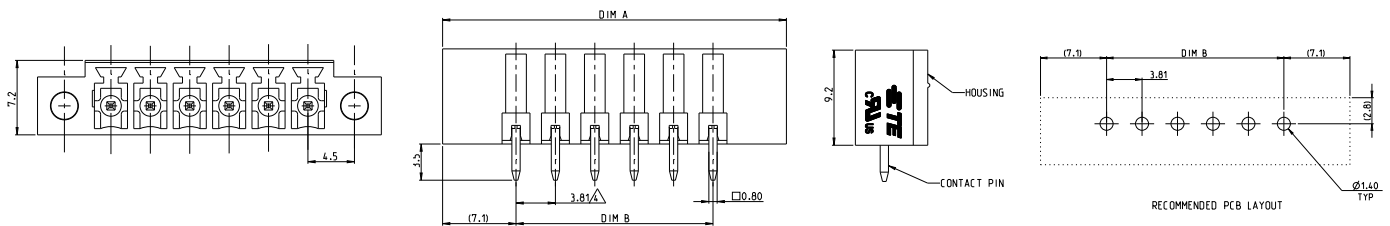
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



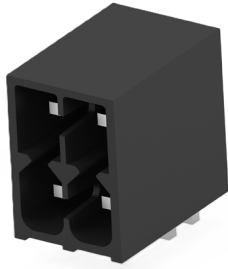
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
2	18.01 (0.71)	3.81 (0.15)	2842508-2	2842510-2
3	21.82 (0.86)	7.62 (0.30)	2842508-3	2842510-3
4	25.63 (1.01)	11.43 (0.45)	2842508-4	2842510-4
5	29.44 (1.16)	15.24 (0.60)	2842508-5	2842510-5
6	33.25 (1.31)	19.05 (0.75)	2842508-6	2842510-6
7	37.06 (1.46)	22.86 (0.90)	2842508-7	2842510-7
8	40.87 (1.61)	26.67 (1.05)	2842508-8	2842510-8
9	44.68 (1.76)	30.48 (1.20)	2842508-9	2842510-9
10	48.49 (1.91)	34.29 (1.35)	1-2842508-0	1-2842510-0
11	52.3 (2.06)	38.1 (1.50)	1-2842508-1	1-2842510-1
12	56.11 (2.21)	41.91 (1.65)	1-2842508-2	1-2842510-2
14	63.73 (2.51)	49.53 (1.95)	1-2842508-4	1-2842510-4
16	71.35 (2.81)	57.15 (2.25)	1-2842508-6	1-2842510-6
20	86.59 (3.41)	72.39 (2.85)	2-2842508-0	2-2842510-0
24	101.83 (4.01)	87.63 (3.45)	2-2842508-4	2-2842510-4

BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER, DUAL ROW - 3.81 mm PITCH

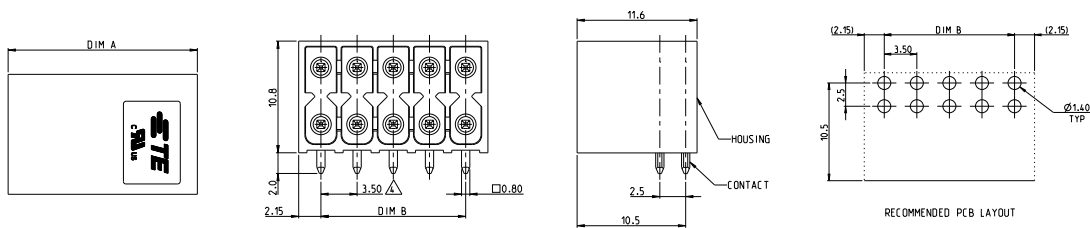
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



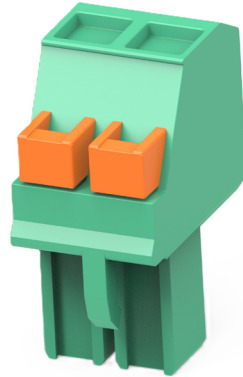
PRODUCT INFORMATION

No. of Positions	Dim. A mm(in)	Dim. B mm(in)	Part Numbers	
			90°	180°
2*2	7.8 (0.31)	3.5 (0.14)	2842491-2	2842489-2
2*3	11.3 (0.44)	7.0 (0.28)	2842491-3	2842489-3
2*4	14.8 (0.58)	10.5 (0.41)	2842491-4	2842489-4
2*5	18.3 (0.72)	14.0 (0.55)	2842491-5	2842489-5
2*6	21.8 (0.86)	17.5 (0.69)	2842491-6	2842489-6
2*7	25.3 (1.00)	21.0 (0.83)	2842491-7	2842489-7
2*8	28.8 (1.13)	24.5 (0.96)	2842491-8	2842489-8
2*9	32.3 (1.27)	28.0 (1.10)	2842491-9	2842489-9
2*10	35.8 (1.41)	31.5 (1.24)	1-2842491-0	1-2842489-0
2*11	39.3 (1.55)	35.0 (1.38)	1-2842491-1	1-2842489-1
2*12	42.8 (1.69)	38.5 (1.52)	1-2842491-2	1-2842489-2
2*14	49.8 (1.96)	45.5 (1.79)	1-2842491-4	1-2842489-4
2*16	56.8 (2.24)	52.5 (2.7)	1-2842491-6	1-2842489-6
2*20	70.8 (2.79)	66.5 (2.62)	2-2842491-0	2-2842489-0
2*24	84.8 (3.34)	80.5 (3.17)	2-2842491-4	2-2842489-4

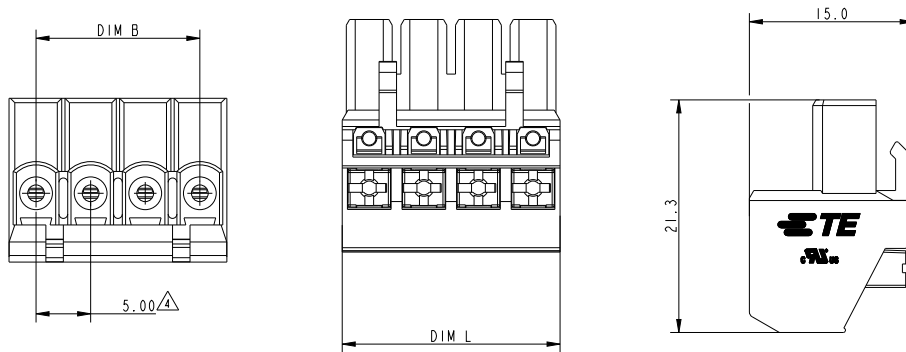
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG - 5.0 mm PITCH

RIGHT-ANGLE



Dimension [Unit: mm(in)]



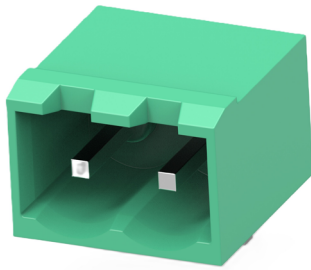
PRODUCT INFORMATION

No. of Positions	Dim. B mm(in)	Dim. L mm(in)	Part Numbers
			90°
2	5.0 (0.19)	10.0 (0.39)	2842543-2
3	10.0 (0.39)	15.0 (0.59)	2842543-3
4	15.0 (0.59)	20.0 (0.79)	2842543-4

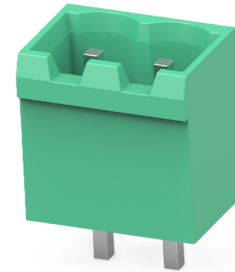
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER - 5.0 mm PITCH

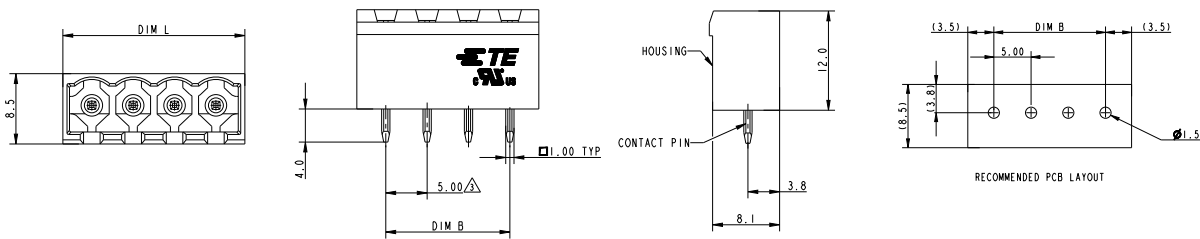
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



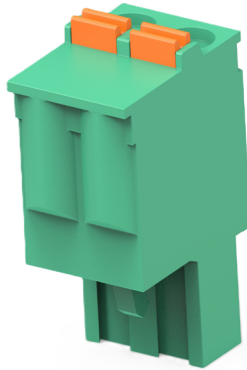
PRODUCT INFORMATION

No. of Positions	Dim. B mm(in)	Dim. L mm(in)	Part Numbers	
			90°	180°
2	5.0 (0.19)	12.0 (0.47)	2842547-2	2842545-2
3	10.0 (0.39)	17.0 (0.67)	2842547-3	2842545-3
4	15.0 (0.59)	22.0 (0.87)	2842547-4	2842545-4

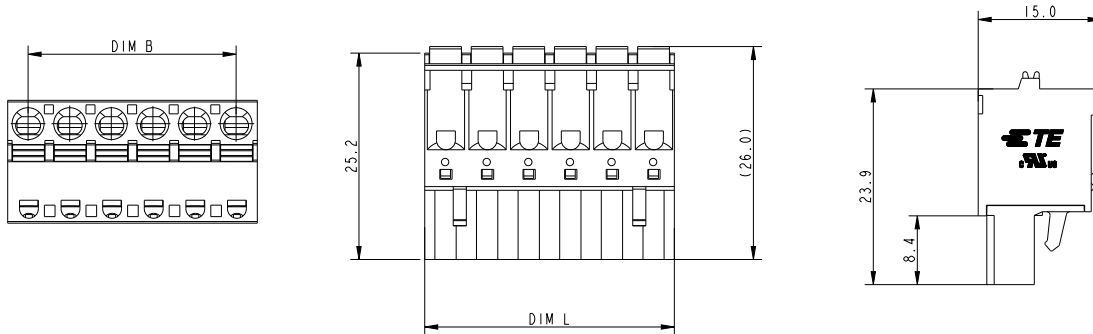
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG - 5.08 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



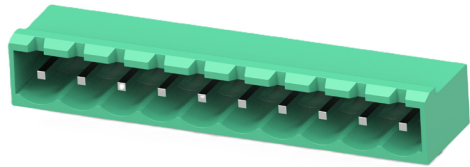
PRODUCT INFORMATION

No. of Positions	Dim. B mm(in)	Dim. L mm(in)	Part Numbers
			180°
2	5.08 (0.20)	10.16 (0.40)	2842514-2
3	10.16 (0.40)	15.24 (0.60)	2842514-3
4	15.24 (0.60)	20.32 (0.80)	2842514-4
5	20.32 (0.80)	25.40 (1.00)	2842514-5
6	25.40 (1.00)	30.48 (1.20)	2842514-6
7	30.48 (1.20)	35.56 (1.40)	2842514-7
8	35.56 (1.40)	40.64 (1.60)	2842514-8
9	40.64 (1.60)	45.72 (1.80)	2842514-9
10	45.72 (1.80)	50.80 (2.00)	1-2842514-0

BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK HEADER - 5.08 mm PITCH

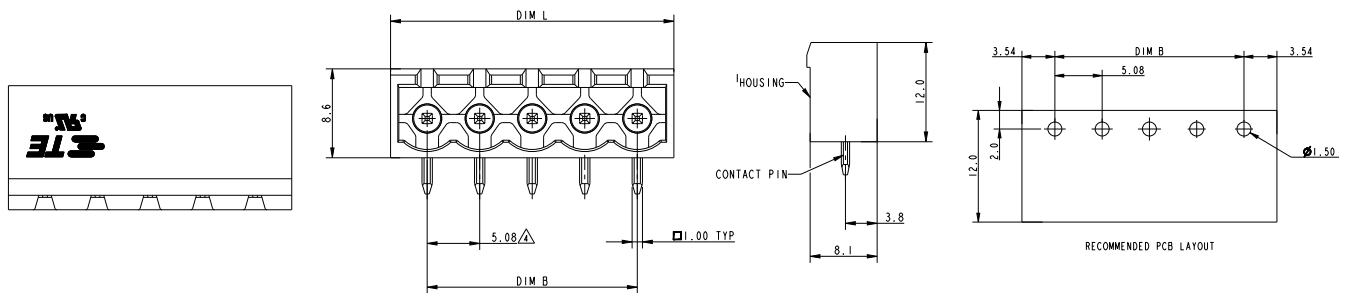
RIGHT-ANGLE



VERTICAL



Dimension [Unit: mm(in)]



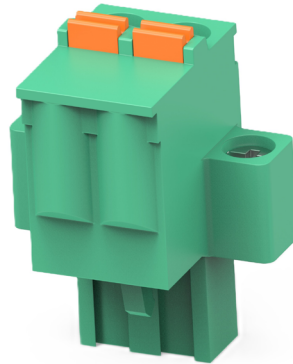
PRODUCT INFORMATION

No. of Positions	Dim. B mm(in)	Dim. L mm(in)	Part Numbers	
			90°	180°
2	5.08 (0.20)	12.16 (0.47)	2842518-2	2842516-2
3	10.16 (0.40)	17.24 (0.67)	2842518-3	2842516-3
4	15.24 (0.60)	22.32 (0.87)	2842518-4	2842516-4
5	20.32 (0.80)	27.40 (1.07)	2842518-5	2842516-5
6	25.40 (1.00)	32.48 (1.27)	2842518-6	2842516-6
7	30.48 (1.20)	37.56 (1.47)	2842518-7	2842516-7
8	35.56 (1.40)	42.64 (1.67)	2842518-8	2842516-8
9	40.64 (1.60)	47.72 (1.87)	2842518-9	2842516-9
10	45.72 (1.80)	52.8 (2.07)	1-2842518-0	1-2842516-0

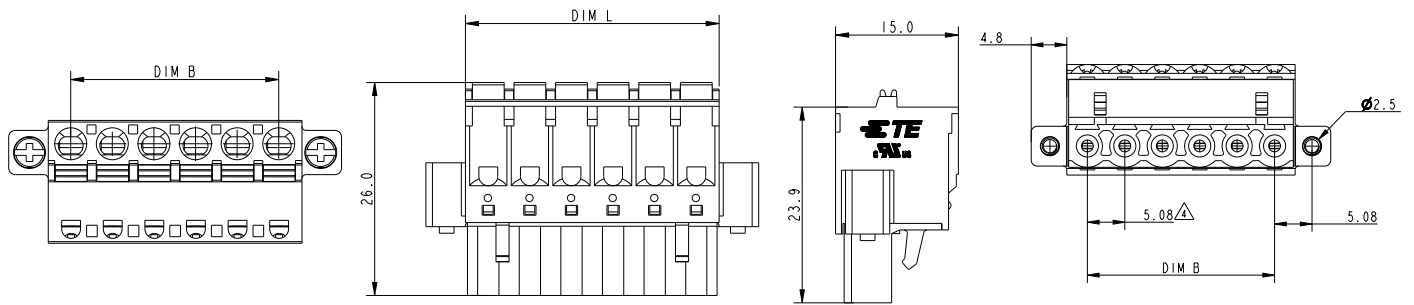
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG, WITH FLANGE - 5.08 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

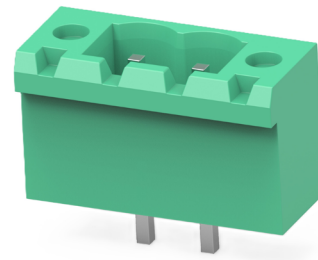
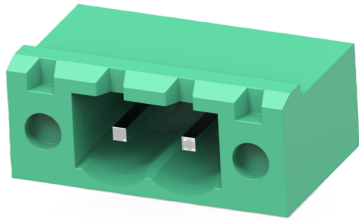
No. of Positions	Dim. B mm(in)	Dim. L mm(in)	Part Numbers
			180°
2	5.08 (0.20)	10.66 (0.42)	2842520-2
3	10.16 (0.40)	15.74 (0.62)	2842520-3
4	15.24 (0.60)	20.82 (0.82)	2842520-4
5	20.32 (0.80)	25.90 (1.02)	2842520-5
6	25.40 (1.00)	30.98 (1.22)	2842520-6
7	30.48 (1.20)	36.06 (1.42)	2842520-7
8	35.56 (1.40)	41.14 (1.62)	2842520-8
9	40.64 (1.60)	46.22 (1.82)	2842520-9
10	45.72 (1.80)	51.30 (2.02)	1-2842520-0

BUCHANAN TERMINAL BLOCKS

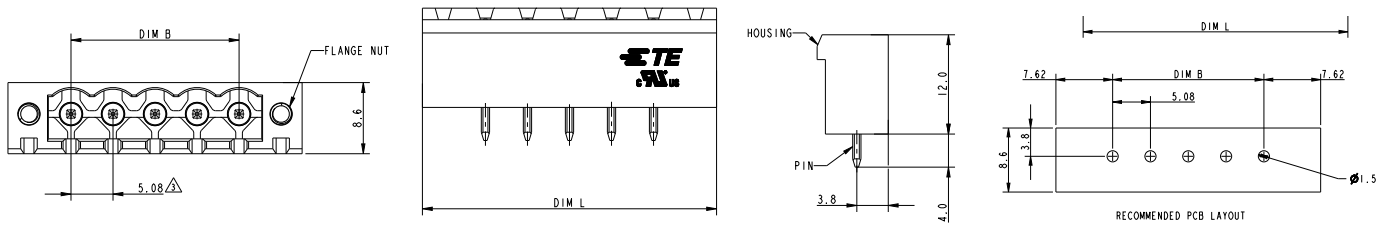
PUSH-IN TERMINAL BLOCK HEADER, WITH FLANGE - 5.08 mm PITCH

RIGHT-ANGLE

VERTICAL



Dimension [Unit: mm(in)]



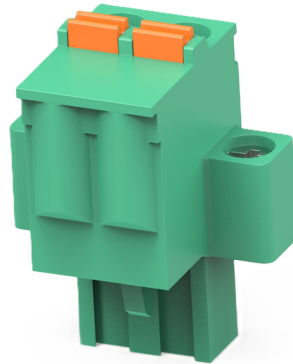
PRODUCT INFORMATION

No. of Positions	Dim. B mm(in)	Dim. L mm(in)	Part Numbers	
			90°	180°
2	5.08 (0.20)	20.32 (0.80)	2842524-2	2842522-2
3	10.16 (0.40)	25.4 (1.00)	2842524-3	2842522-3
4	15.24 (0.60)	30.48 (1.20)	2842524-4	2842522-4
5	20.32 (0.80)	35.56 (1.40)	2842524-5	2842522-5
6	25.4 (1.00)	40.64 (1.60)	2842524-6	2842522-6
7	30.48 (1.20)	45.72 (1.80)	2842524-7	2842522-7
8	35.56 (1.40)	50.8 (2.00)	2842524-8	2842522-8
9	40.64 (1.60)	55.88 (2.20)	2842524-9	2842522-9
10	45.72 (1.80)	60.96 (2.40)	1-2842524-0	1-2842522-0

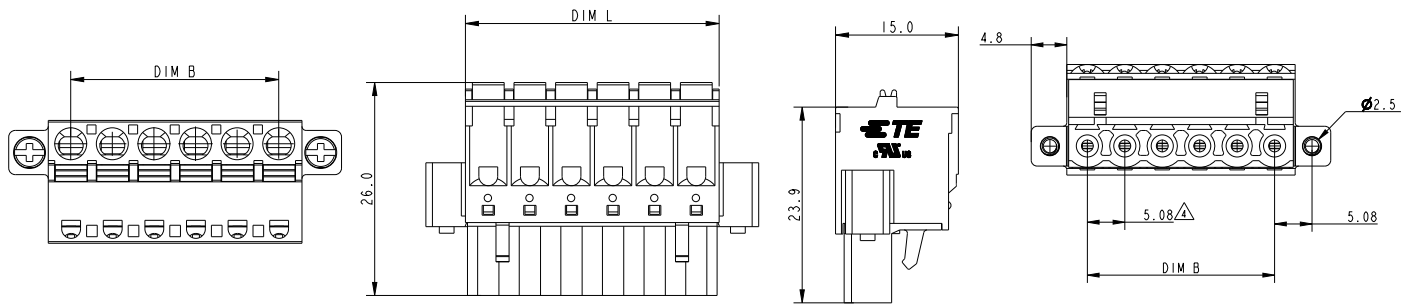
BUCHANAN TERMINAL BLOCKS

PUSH-IN TERMINAL BLOCK PLUG, DUAL ROW - 5.08 mm PITCH

VERTICAL



Dimension [Unit: mm(in)]



PRODUCT INFORMATION

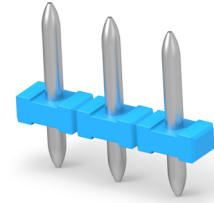
No. of Positions	Dim. B mm(in)	Dim. L mm(in)	Part Numbers
			180°
2	5.08 (0.20)	10.66 (0.42)	2842520-2
3	10.16 (0.40)	15.74 (0.62)	2842520-3
4	15.24 (0.60)	20.82 (0.82)	2842520-4
5	20.32 (0.80)	25.9 (1.02)	2842520-5
6	25.4 (1.00)	30.98 (1.22)	2842520-6
7	30.48 (1.20)	36.06 (1.42)	2842520-7
8	35.56 (1.40)	41.14 (1.62)	2842520-8
9	40.64 (1.60)	46.22 (1.82)	2842520-9
10	45.72 (1.80)	51.3 (2.02)	1-2842520-0

BUCHANAN TERMINAL BLOCKS

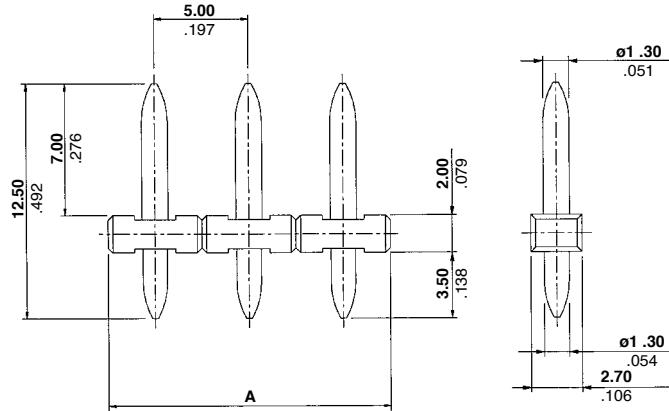
HEADER, STRAIGHT MOUNT

HEADER STRAIGHT MOUNT, UNSHROUDED 5.00 mm PITCH

UL Rating - 250/300 V, 10 A



Dimension [Unit: mm(in)]



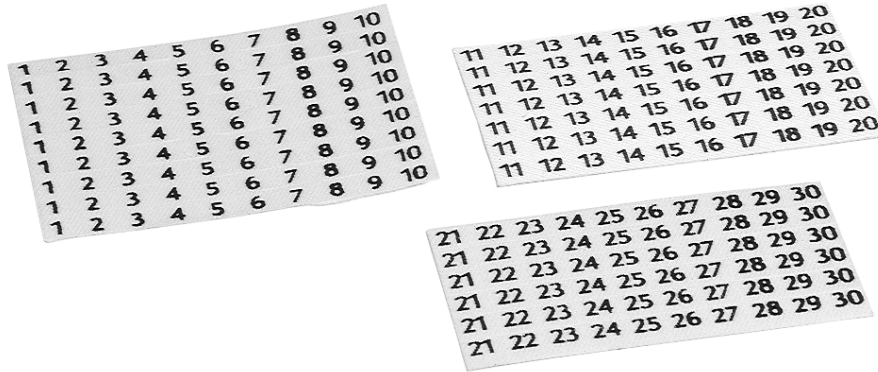
PRODUCT INFORMATION

No. of Positions	Dim. A	Part Numbers
2	10.00 (0.394)	1776489-2
3	15.00 (0.591)	1776489-3
4	20.00 (0.787)	1776489-4
6	30.00 (1.181)	1776489-6

Wave solder process capable to 265°C (509°F) for 10 seconds

BUCHANAN TERMINAL BLOCKS

LABELING



INTRODUCTION

If you need to number Terminal Block connectors, TE makes available an easy-to-use numbering system based on adhesive labels with proper centerline.

PRODUCT INFORMATION

Centerline	No. of Positions	Numbering from...up to	Part Numbers
5.0-5.08 (0.197-.200)	10	1 ... 10	282928-1
5.0-5.08 (0.197-.200)	10	11 ... 20	282928-2

There are 12 adhesive labels per sheet. Please ask for customized labeling.

BUCHANAN TERMINAL BLOCKS

ACCESSORIES

POLARIZATION KEYS

Color - Red



For Plugs



For Headers

INTRODUCTION

Polarization keys help prevent wrong mating of two-piece Terminal Block connectors (not valid for special version). Special keys allow you to differentiate counterparts, meeting OEMs' requirement for error-free interconnections.

Application	Part Numbers*
Two-piece Terminal Block Plugs	282969-1
Two-piece Terminal Block Headers	282970-1
3.5, 3.81 mm (0.138, .150) Plug	1546050-1
3.5, 3.81 mm (0.138, .150) Header	1546051-1

*Comprised of 1 Circular Carrier with 6 Keys.

BUCHANAN TERMINAL BLOCKS

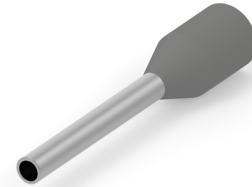
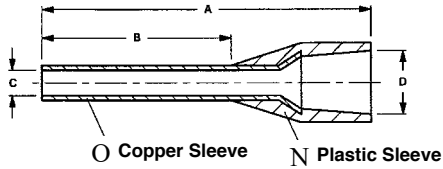
WIRE FERRULES

INTRODUCTION

These Wire Ferrules, suitable for the most common wire range of 0.5 mm² through 10.0 mm², (20AWG-7AWG) are terminated with hand tools.

DIN WIRE FERRULES

Tube Form with Plastic Sleeve According to DIN 46228, Part 4

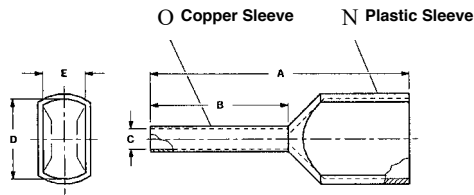


Wire Size Range		Insulation Diameter Max.	Version	Insulation Color	Dimensions: mm(in)				Strip Length	Part Number	Packaging Unit
AWG	(mm ²)				A	B	C	D			
20	0.50	2.3 (0.091)	Normal	White	14.0 (0.551)	8.0 (0.315)	1.0 (0.039)	2.6 (0.102)	10.0 (0.394)	966067-2	500
18	0.75	2.5 (0.098)	Normal	Grey	14.0 (0.551)	8.0 (0.315)	1.2 (0.047)	2.8 (0.110)	10.0 (0.394)	966067-5	500
17	1.00	2.7 (0.106)	Normal	Red	14.0 (0.551)	8.0 (0.315)	1.4 (0.055)	3.0 (0.118)	10.0 (0.394)	966067-9	500
16	1.50	3.2 (0.126)	Normal	Black	14.0 (0.551)	8.0 (0.315)	1.7 (0.067)	3.5 (0.138)	10.0 (0.394)	1-966067-2	500
14	2.50	3.9 (0.154)	Normal	Blue	14.0 (0.551)	8.0 (0.315)	2.2 (0.087)	4.2 (0.165)	10.0 (0.394)	1-966067-6	500
11	4.00	4.5 (0.177)	Normal	Grey	17.0 (0.669)	10.0 (0.394)	2.8 (0.110)	4.8 (0.189)	12.0 (0.472)	1-966067-9	500
10	6.00	6.0 (0.236)	Normal	Yellow	20.0 (0.787)	12.0 (0.472)	3.5 (0.138)	6.3 (0.248)	14.0 (0.551)	2-966067-2	100
7	10.00	7.3 (0.287)	Normal	Red	22.0 (0.866)	12.0 (0.472)	4.5 (0.177)	7.6 (0.299)	15.0 (0.591)	2-966067-4	100

BUCHANAN TERMINAL BLOCKS

DOUBLE WIRE FERRULES

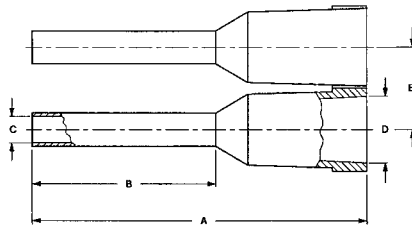
Tube Form with Plastic Sleeve, According to DIN 46228, Part 4



Wire Size Range		Insulation Diameter Max.	Version	Insulation Color	Dimensions: mm(in)					Strip Length	Part Number	Packaging Unit
AWG	(mm ²)				A	B	C	D	E			
2 x 20	2 x 0.50	2.1 (0.083)	Normal	White	15.0 (0.591)	8.0 (0.315)	1.40 (0.055)	4.7 (0.185)	2.5 (0.098)	10.0 (0.394)	966144-1	500
2 x 18	2 x 0.75	2.2 (0.087)	Normal	Grey	15.0 (0.591)	8.0 (0.315)	1.70 (0.067)	5.0 (0.197)	2.8 (0.110)	10.0 (0.394)	966144-2	500
2 x 18	2 x 0.75	2.2 (0.087)	Long	Grey	17.0 (0.669)	10.0 (0.394)	1.70 (0.067)	5.0 (0.197)	2.8 (0.110)	12.0 (0.472)	966144-3	500
2 x 17	2 x 1.00	2.5 (0.098)	Normal	Red	15.0 (0.591)	8.0 (0.315)	1.95 (0.077)	5.4 (0.213)	3.4 (0.134)	10.0 (0.394)	966144-4	500
2 x 16	2 x 1.50	3.0 (0.118)	Normal	Black	16.0 (0.630)	8.0 (0.315)	2.20 (0.087)	6.6 (0.260)	3.6 (0.142)	10.0 (0.394)	966144-6	500
2 x 14	2 x 2.50	3.6 (0.142)	Normal	Blue	18.5 (0.728)	10.0 (0.394)	2.80 (0.110)	7.8 (0.307)	4.2 (0.165)	12.0 (0.472)	966144-8	250
2 x 11	2 x 4.00	4.1 (0.161)	Normal	Grey	23.0 (0.906)	12.0 (0.472)	3.70 (0.146)	8.8 (0.346)	4.9 (0.193)	14.0 (0.551)	1-966144-0	100

DOUBLE WIRE FERRULES

Tube Form with Plastic Sleeve, According to DIN 46228, Part 4

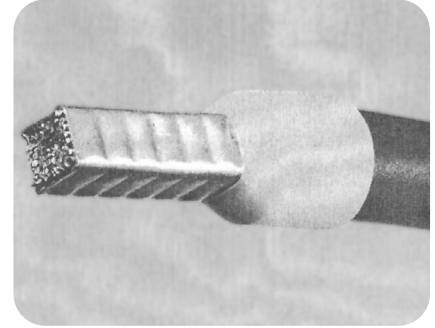
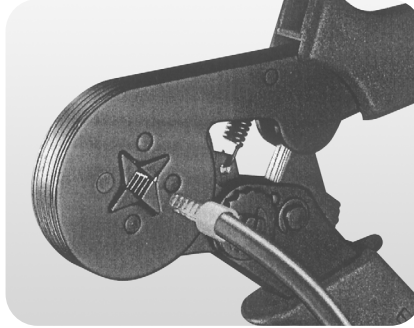


Wire Size Range		Insulation Diameter Max.	Insulation Color	Dimensions: mm(in)					Strip Length	Part Number	Packaging Unit
AWG	(mm ²)			A	B	C	D	E			
20	0.50	2.4 (0.094)	White	14.5 (0.571)	8.0 (0.315)	1.1 (0.043)	2.8 (0.110)	3.5 (0.138)	10.0 (0.394)	1241000-1	1,000
18	0.75	2.6 (0.102)	Grey	14.5 (0.571)	8.0 (0.315)	1.3 (0.051)	2.9 (0.114)	3.5 (0.138)	10.0 (0.394)	1241001-1	1,000
17	1.00	2.9 (0.114)	Red	14.5 (0.571)	8.0 (0.315)	1.5 (0.059)	3.2 (0.126)	3.9 (0.154)	10.0 (0.394)	1241002-1	1,000
16	1.50	3.2 (0.126)	Black	14.5 (0.571)	8.0 (0.315)	1.8 (0.071)	3.4 (0.134)	4.1 (0.161)	10.0 (0.394)	1241003-1	1,000
14	2.50	4.0 (0.157)	Blue	14.5 (0.571)	8.0 (0.315)	2.3 (0.091)	4.3 (0.169)	5.0 (0.197)	10.0 (0.394)	1241004-1	500
14	2.50	4.0 (0.157)	Grey	14.5 (0.571)	8.0 (0.315)	2.3 (0.091)	4.3 (0.169)	5.0 (0.197)	10.0 (0.394)	1241004-2	500

BUCHANAN TERMINAL BLOCKS

APPLICATION TOOLING

CRIMP HAND TOOL FOR WIRE FERRULES



INTRODUCTION

This newly designed selfadjusting die set offers a time-saving crimping process and uniform crimp. A ratchet system provides for a complete crimp cycle before releasing. The crimp is according to DIN specification. The tool handles are contoured for comfort.

PRODUCT FACTS

- Self-adjusting rectangular crimp profile for DIN-style crimp
- Only two hand tools are needed to crimp wire sizes from 0.14 mm² through 10.0 mm²
- Adjustable crimp pressure
- Crimp control

LOOSE PIECE TOOLING

Wire Size Range (mm ²)	Part Numbers
0.14-6.00	539660-1
0.75-10.0	539661-1

STRIP FORM TOOLING

End Sleeve Part Number	Applicator Part No.		
	CLS IV+ Lead Maker	K Terminator	G Terminator
1241000-1	- *	- *	- *
1241001-1	- *	- *	- *
1241002-2	- *	- *	- *
1241003-1			
1241004-1	- *	- *	- *
1241004-2			

*Contact the Tooling Assistance Center for Part Number

BUCHANAN TERMINAL BLOCKS

BARRIER STRIPS



Barrier strip style terminal blocks from TE Connectivity are available in 3 main categories: Dual Barrier, tri-barrier, and double row. Each category of barrier strip is offered in several industry standard centerline spacings, allowing you to choose from high density to high current applications. Dual Barriers and Tri-Barriers are very similar in that they are both offered with hardware which allows them to be used in either PCB or panel mount applications.

FEATURES & BENEFITS

- Available in centerline spacing from 0.250" 0.4375"
- Position sizes 2 to 30
- Accepts wire range from 10-30 AWG, dependant on style
- Full line of accessories includes jumpers, quick connect tabs, and some covers
- Binding head style and wire clamp screws are available; binding head screws are typically used with hardware such as QC tabs and jumpers.
- Wire screw clamps are best suited for bare wire applications.
- Common contact styles offered in both dual- and tri-barriers: PCB pin, extended PCB pin, insulated ext. PCB pin, wire wrap, insulated wire wrap, solder turret, ins. solder turret, quick connect, ins. quick connect and non feed-thru









PRODUCT APPLICATIONS

- Machine controls
- Power supplies
- Test & measurement
- Automation equipment
- Security/alarm devices
- HVAC controls
- Garage door openers
- Furnaces, water heaters, boilers

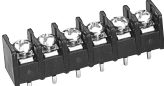


BUCHANAN TERMINAL BLOCKS

BARRIER STRIP SELECTOR CHART

TRI-BARRIER






								
	0.250"	0.325"	0.325"	0.375"	0.375"	0.375"	0.375"	0.4375"
Series	#3	#4	1546927	#6	1546833	BC6	MB6	#8
Pitch (in)	0.250"	0.325"	0.325"	0.375"	0.375"	0.375"	0.375"	0.4375"
Circuits	2-32	2-30	2-8	2-30	2-8	2-16	4-40	2-26
Max Current	10A	25A	15A	25A	15A	20A	25A	30A
Max Voltage	300V	300V	300V	600V	300V	300V	300V	600V
Wire Range (AWG)	18-22	12-22	14-22	12-22	14-22	12-22	12-22	10-18
Description	Molded to length	Molded to length	Molded to length	Molded to length	Molded to length, Modular	Molded to length	Double Level snapped to length	Molded to length

DUAL BARRIER


						
	.250"	0.325"	0.325"	0.375"	0.375"	0.4375"
Series	1546657	4DB	1546734	JC6	NC6	SSB7
Pitch (in)	.250"	0.325"	0.325"	0.375"	0.375"	0.4375"
Circuits	2-30	2-30	2-16	2-16	2-30	2-27
Max Current	10A	20A	20A	20A	20A	20A
Max Voltage	300V	150V/ 300V	300V	300V	300V	600V
Wire Range (AWG)	16-30	14-22	12-22	12-22	12-22	12-26
Description	Molded to length	Molded to length	High Rise, Molded to length	Molded to length	Low Profile version, Molded to length	Cut to length

BUCHANAN TERMINAL BLOCKS

DOUBLE ROW

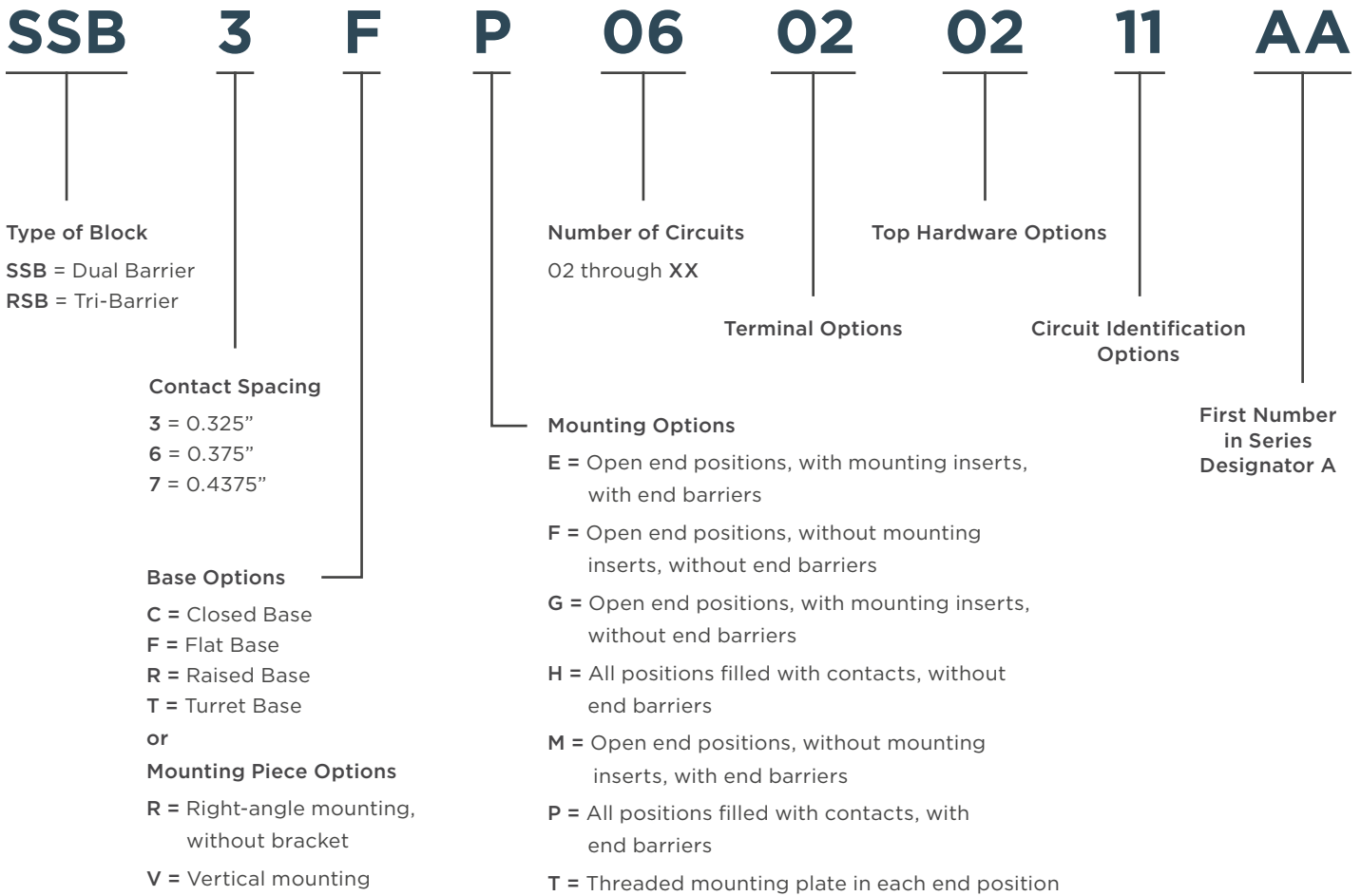
					
	0.374"	0.433"	0.437"	0.563"	
Series	1546306 1546307	1546481 1546477	1546670 1546671	1546310 1546311	1776544 1986158
Pitch (in)	0.374"	0.433"	0.437"	0.563"	0.563"
Circuits	2-30	2-26	2-26	2-18	2-18
Max Current	20A	25A	25A	30A	30A
Max Voltage	300V	300V	300V	300V	600V
Wire Range (AWG)	12-22	14-22	14-22	10-22	10-22
Description	Panel Mount, molded to length	Panel Mount, molded to length	Panel Mount, molded to length	Panel Mount, molded to length	Panel Mount, molded to length

DOUBLE ROW DUAL BARRIER

		
	0.325"	0.325"
Series	USB	SSB3
Pitch (in)	0.325"	0.325"
Circuits	2-12	2-36
Max Current	10A	15A
Max Voltage	300V	300V
Wire Range (AWG)	n/a	14-26
Description	For Series RSB3 & SSB3	Cut to length

BUCHANAN TERMINAL BLOCKS

CATALOG NUMBER CODE



OPTIONAL TERMINAL IDENTIFICATION

Select the desired version from the list below and add the CODE NUMBER (11, 12, 15 or 16) to the end of the catalog number of the connector or header.

CODE

11 = 1 2 3 4 . . .

12 = . . . 4 3 2 1

15 = . . . 4 3 2 1

16 = 1 2 3 4 . . .

"First Number In Series" Designator*

A = 1 F = 6

B = 2 G = 7

C = 3 H = 8

D = 4 J = 9

E = 5 K = 0

* Letters in this position designate the first number to be used in the consecutive sequence. Ex.: "A" would start the sequence with the number

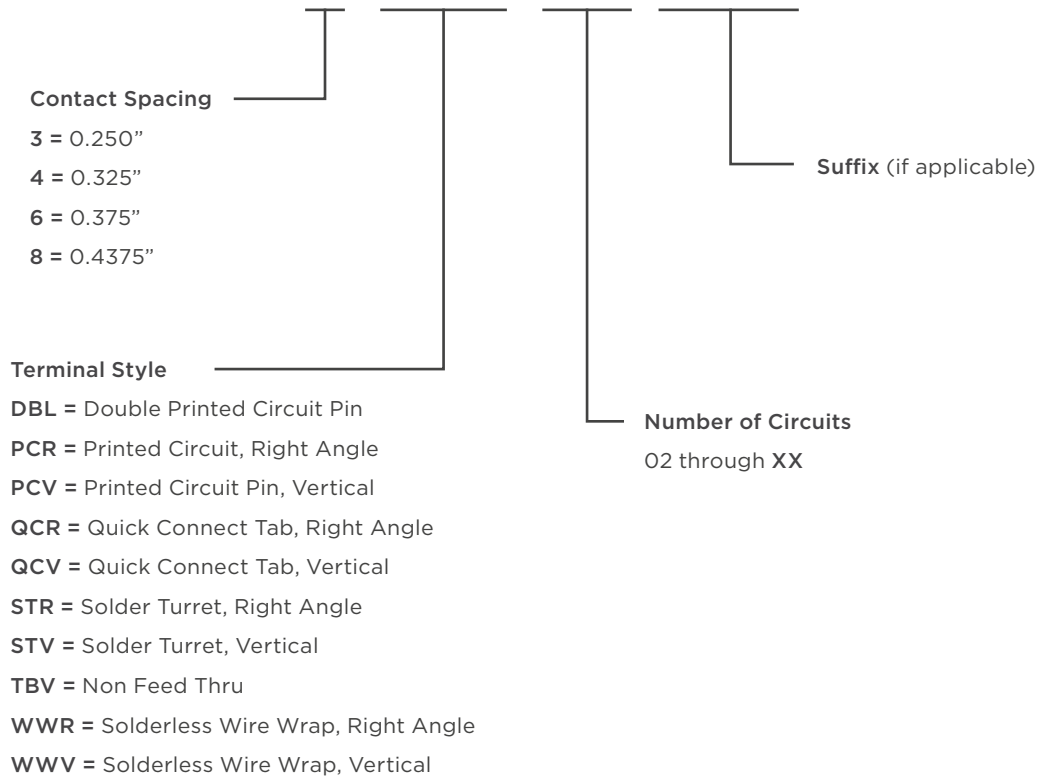
1. "EK" would start the sequence with the number 50. "BKK" would start the series with 200. For non-sequential numbering and special characters, consult Technical Support.

Note: Some catalog number combinations are not valid. Check appropriate catalog pages before ordering. Catalog numbering code applies only to the catalog numbers on pages 182, 208-212, 229.

BUCHANAN TERMINAL BLOCKS

CATALOG NUMBER CODE (CONTINUED)

6 PCV-04-XXX

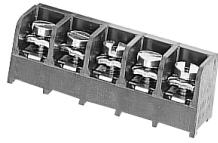


Note: Some catalog number combinations are not valid. Check appropriate catalog pages before ordering. Catalog numbering code applies only to the catalog numbers on pages 182, 208-212, 229.

BUCHANAN TERMINAL BLOCKS

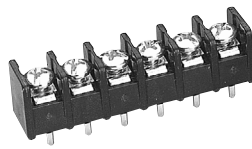
BARRIER STRIPS – OVERVIEW

TWO TYPES OF BARRIER STRIPS AND A LINE OF SOCKETS



TRI-BARRIER

Three walls or barriers surround each terminal screw. The back wall safeguards field wiring.



DUAL BARRIER

Two walls or barriers are molded on each side of the terminal screw.

WIRE CLAMP SCREWS

The lower surface and edges of the clamping plates are carefully designed to securely clamp the wire - even combinations of different wire sizes - without severing stranded wire. Extra care has been taken to produce these components without burrs on any critical clamping surface or edges.

INTEGRAL STANDOFFS

Standoffs help rid your PCB of any remaining corrosive agents during rinsing operations. Helps prevent trapped solutions in the immediate PC pin area. Significantly reduces the risk of postwave corrosion problems.

UL RECOGNITION AND CSA CERTIFICATION

Certification Terminal blocks and interconnect components are Recognized under the Component Recognition Program of Underwriters Laboratories Inc. and Certified by Canadian Standards Association. (Consult individual sections of this catalog for status of a specific series.)

RESILIENT PLASTIC BARRIERS

Flexible thermoplastic material for terminal blocks was an especially important feature at the time of its introduction, since many earlier blocks were molded of more rigid, brittle thermosetting plastic compounds.

GAS-TIGHT CONNECTIONS

The acid-tin plating on our terminals means more than just improved shelf-life and superior solderability. It is to provide the very basis for the heart of your wire connections.

TYPICAL APPLICATION

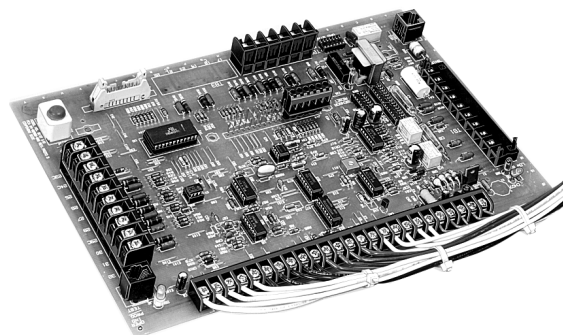
Pictured below is a PC board with barrier strips and sockets wave soldered to it.

WIRE-READY RAISED SCREWS

Wire-ready raised screws are standard on BUCHANAN terminal blocks. No need to back off the screw first. Just insert the wire and drive down the screw. Wire installation time and effort are virtually cut in half.

QUALITY PLATING

TE has been known for its plating, especially on the tin-plated components, and has maintained stringent plating specifications to provide a better performing, more reliable product. (Terminals meet or exceed TE Specification 109-11-1.)



BUCHANAN TERMINAL BLOCKS

TRI-BARRIER STRIPS



INTRODUCTION

Tri-Barrier blocks help contain stray or frayed wire ends. This helps prevent electrical shorts - not only between positions on the same block, but also between other components immediately adjacent to the block. With today's highdensity PCB designs, this has become an increasingly important feature.

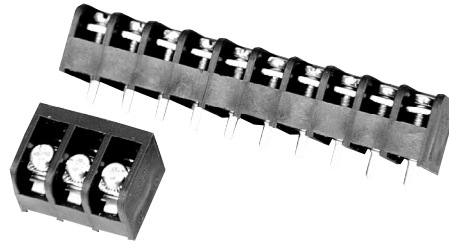
PRODUCT FACTS

- Industrial controls and automation
- Machine tools
- HVAC/R
- Power supplies
- Security/Irrigation
- Transformers
- Design Advantages
- Back barriers to safeguard field wiring
- Fast wiring - backed-out wire-ready screws
- Interrupted thread designed to prevent screws from falling out
- Standoffs allow flux and solvents to drain during cleaning
- Molded-to-length or cut-to-length versions available
- Phil-slot screws are standard
- RoHS compatible

BUCHANAN TERMINAL BLOCKS

#3 SERIES TRIBARRIER - .250"/6.35mm

3PCV-03-006 & 3PCV-10-006



Material & Finish

- Housing Material - Polypropylene
- Flammability - UL94V-0
- Color - Black
- Terminals - Bright acid tin over copper alloy
- Screws - Steel, zinc plating with clear chromate coating. Wire clamping screws standard

Environmental Properties

- Operating Temperature Range - 105°C (221°F) max.
- Circuit Identification - page 224

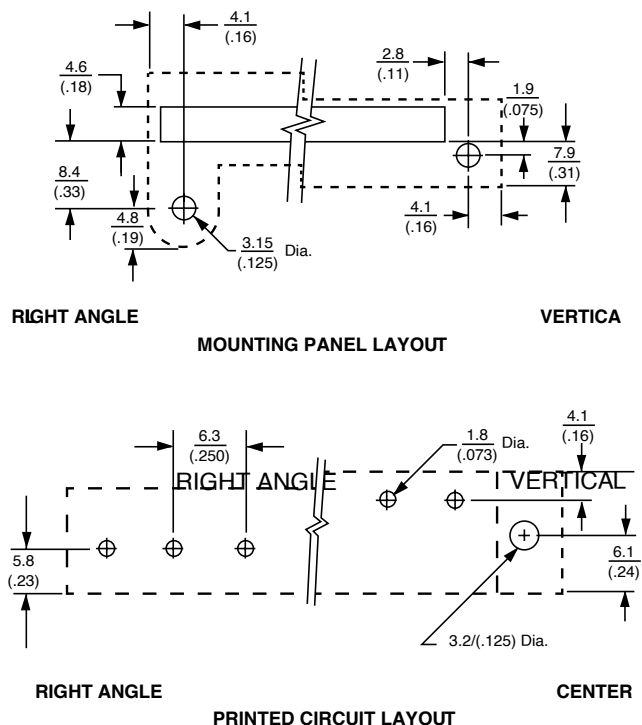
Mechanical Properties

- Pitch (terminal spacing) - 0.250" (6.35)
- Recommended PCB Hole Dia. - 1.8mm (0.073")
Recommended Tightening Torque: 5.5 in.-lbs.

Electrical Properties

- Ratings -
UL Class C 10 Amps, 150V
UL Class D 10 Amps, 300V
CSA Type C 10 Amps, 150V
CSA Type D 10 Amps, 300V
- Wire Range - 18-22 AWG

Dimension [Unit: mm(in)]



BUCHANAN TERMINAL BLOCKS

#3 SERIES TRIBARRIER - .250"/6.35mm

ORDERING INFORMATION

3 PCV-04-006

A **B** **C** **D**

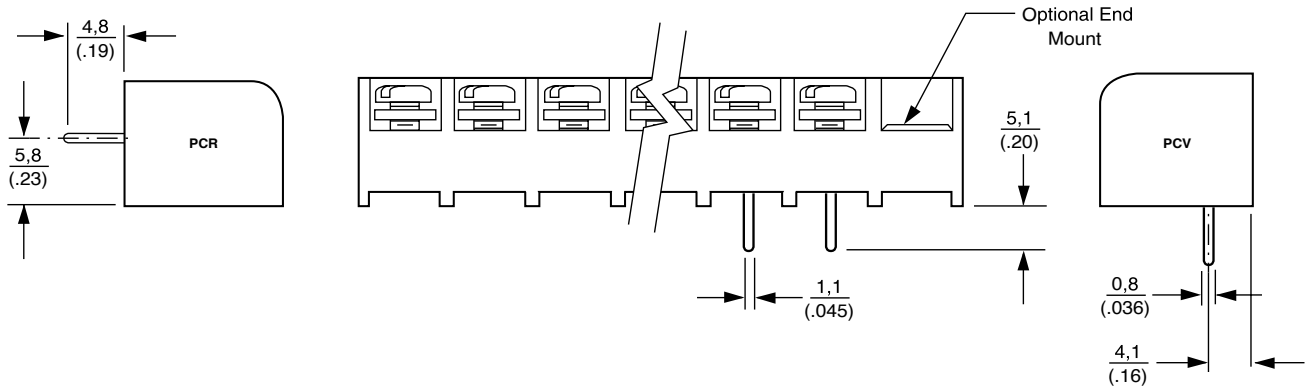
- A** Thread Size Spacing
3 = #m3 on .250" Centers
- B** Terminal Style
PCV = Printed Circuit Pin, Vertical
PCR = Printed Circuit, Right Angle
STV = Solder Turret, Vertical
STR = Solder Turret, Right Angle
WWV = Solderless Wire Wrap, Vertical
- C** No. of Circuits (Not Positions)
02 through 32
- D** Modifier
Use table below

Terminal Style	Modifier Phil-slot Head	Screw Style	Mounting Construction
PCV	006	Wire Clamp	No Mounting
	008	Wire Clamp	
PCR	006	Wire Clamp	No Mounting
	008	Wire Clamp	
STV WWV	006	Wire Clamp	
	008	Wire Clamp	No Mounting
STR	006	Wire Clamp	
	008	Wire Clamp	

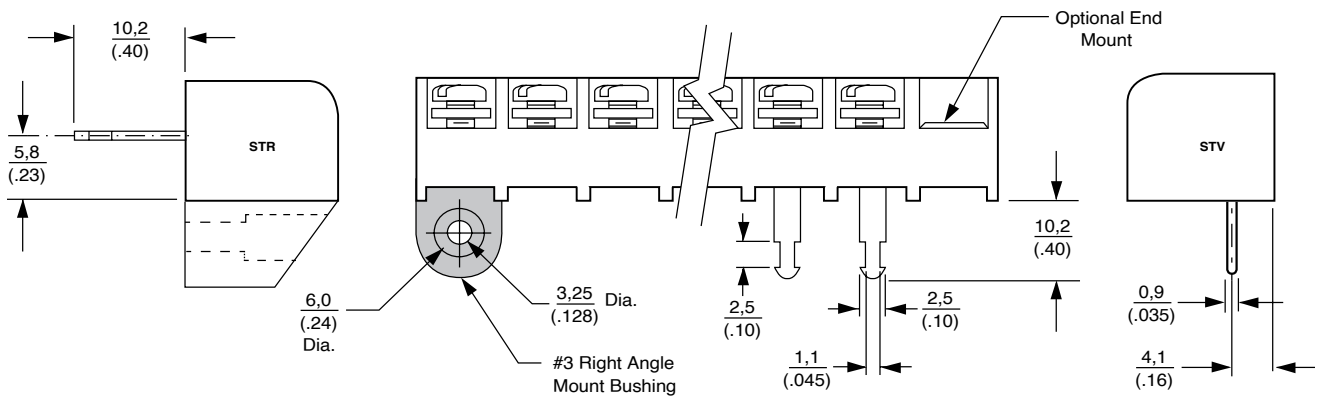
BUCHANAN TERMINAL BLOCKS

#3 SERIES TRIBARRIER - .250"/6.35mm (CONTINUED)

PRINTED CIRCUIT PIN

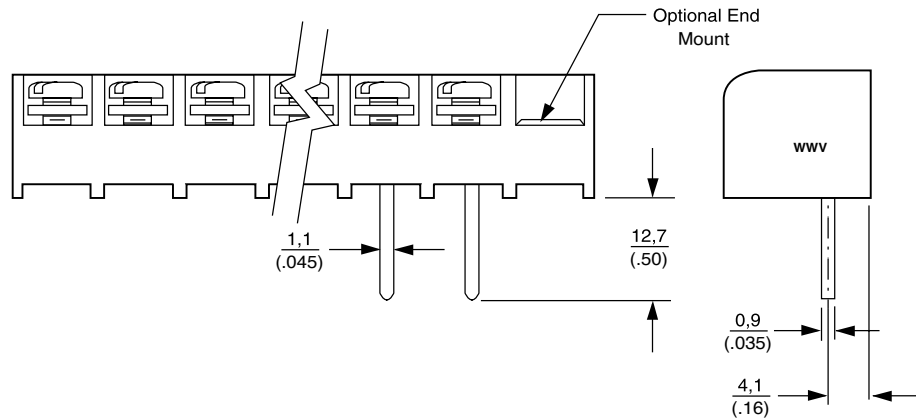


SOLDER TURRET



WIRE WRAP

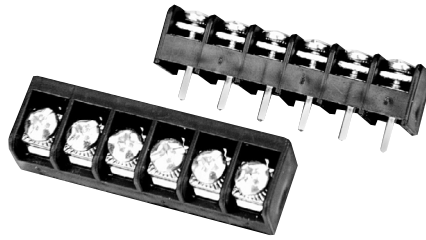
#3WWR not available



BUCHANAN TERMINAL BLOCKS

#4 SERIES TRIBARRIER - .325"/8.26mm

4PCV-06-006



Material & Finish

- Housing Material - Polyamide
- Flammability - UL94V-0
- Color - Black
- Terminals - Bright acid tin over copper alloy
- Screws - #4-40 steel, zinc plating with clear chromate coating. Wire clamping screw and binding head screw available

Environmental Properties

- Operating Temperature Range - 105°C (221°F) max.
- Circuit Identification - page 224

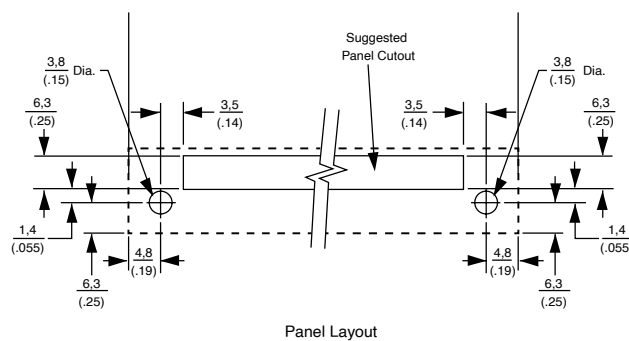
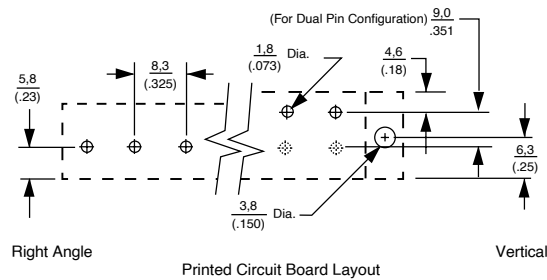
Mechanical Properties

- Pitch (terminal spacing) - 0.325" (8.255)
- Recommended PCB Hole Dia. - 1.8mm (0.073")
- Recommended Tightening Torque: 7 in.-lbs. max.

Electrical Properties

- Ratings -
 - UL Class C 20 Amps, 150V
 - UL Class D 10 Amps, 300V
 - CSA Type C 20 Amps, 150V
 - CSA Type D 10 Amps, 300V
- Wire Range - 12-22 AWG

Dimension [Unit: mm(in)]



BUCHANAN TERMINAL BLOCKS

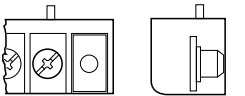
#4 SERIES TRIBARRIER - .325"/8.26mm (CONTINUED)

ORDERING INFORMATION

4 PCV-04-006

A **B** **C** **D**

- A** Screw Size Spacing
4 = #4-40 on .325" Centers
- B** Terminal Style
DBL = Double Printed Circuit Pin
PCR = Printed Circuit, Right Angle
PCV = Printed Circuit Pin, Vertical
WWV = Solderless Wire Wrap, Vertical
- C** No. of Circuits (Not Positions)
02 through 30
- D** Modifier
Use table below

Terminal Style	Modifier Phil-slot Head	Screw Style	Mounting Construction
DBL	006	Wire Clamp	No Mounting
PCV	006	Wire Clamp	No Mounting
	008	Wire Clamp	
PCR	006	Wire Clamp	No Mounting
	008	Wire Clamp	
WWV	006	Wire Clamp	
	008	Wire Clamp	No Mounting

BUCHANAN TERMINAL BLOCKS

#4 SERIES TRIBARRIER - .325"/8.26mm

No. of Positions	Dim. A
2	8.2 (0.325)
3	16.5 (0.65)
4	24.7 (0.97)
5	33.0 (1.30)
6	41.3 (1.62)
7	49.5 (1.95)
8	57.8 (2.27)
9	66.0 (2.60)
10	74.3 (2.92)
11	82.5 (3.25)
12	90.8 (3.57)
13	99.1 (3.90)
14	107.3 (4.22)
15	115.6 (4.55)
16	123.8 (4.87)
17	132.1 (5.20)
18	140.3 (5.52)
19	148.6 (5.85)
20	156.8 (6.17)
21	165.1 (6.50)
22	173.3 (6.82)
23	181.6 (7.15)
24	189.9 (7.47)
25	198.1 (7.80)
26	206.4 (8.13)
27	214.6 (8.45)
28	222.9 (8.78)
29	231.1 (9.10)
30	239.4 (9.43)

BUCHANAN TERMINAL BLOCKS

TRI-BARRIER STRIPS WITH ATTACHED SAFETY COVERS, .325" [8.26mm] CENTERLINE



PRODUCT FACTS

- Screwdriver access holes in cover allow for efficient wiring; cover may remain closed

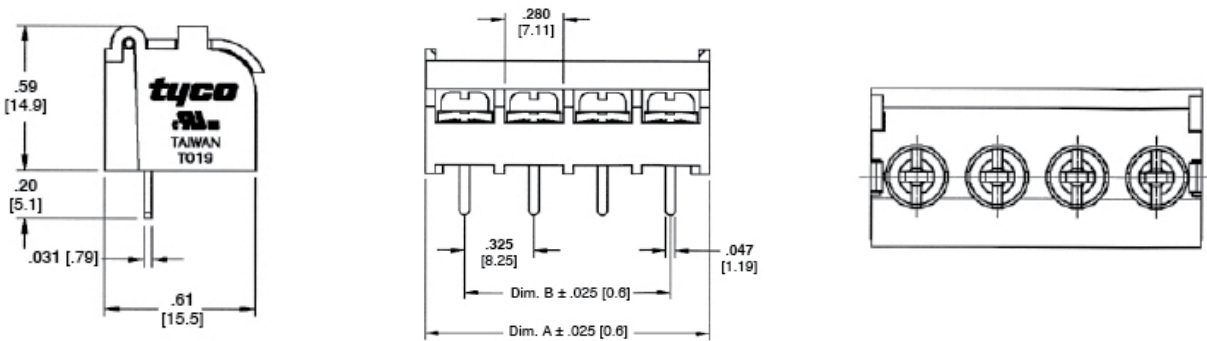
Material & Finish

- Insulator Body - UL 94V-0, Thermoplastic, black
- Terminal - Brass, tin-plated

Environmental Properties

- Operating Temperature Range -
-40°C to +120°C (-104°F to +248°F)
- Circuit Identification -page 224

Dimension [Unit: mm(in)]



PRODUCT INFORMATION

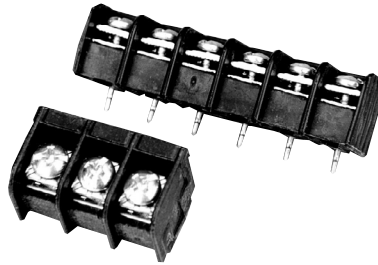
No. of Positions*	Dimensions		Part Numbers
	A	B	
2	0.697 (17.7)	0.325 (08.3)	1546927-2
3	1.022 (26.0)	0.650 (16.5)	1546927-3
4	1.347 (34.2)	0.975 (24.8)	1546927-4
5	1.672 (42.5)	1.300 (33.0)	1546927-5
6	1.997 (50.7)	1.625 (41.3)	1546927-6
7	2.322 (59.0)	1.950 (49.5)	1546927-7
8	2.647 (67.2)	2.275 (57.8)	1546927-8

*Contact TE for larger position sizes.
Note: Samples available in Sample Room.

BUCHANAN TERMINAL BLOCKS

#6 SERIES TRIBARRIER - .375"/9.53mm

6PCV-03-006 & 6PCV-06-006



Material & Finish

- Housing Material - Polyamide
- Flammability - UL94V-0
- Color - Black
- Terminals - Bright acid tin over copper alloy
- Screws - #6-32 steel, zinc plating with clear chromate coating. Wire clamping screws and binding head screws with undercut available

Mechanical Properties

- Pitch (terminal spacing) - 0.375" (0.525)
- Recommended PCB Hole Dia. - 1.8mm (0.073")

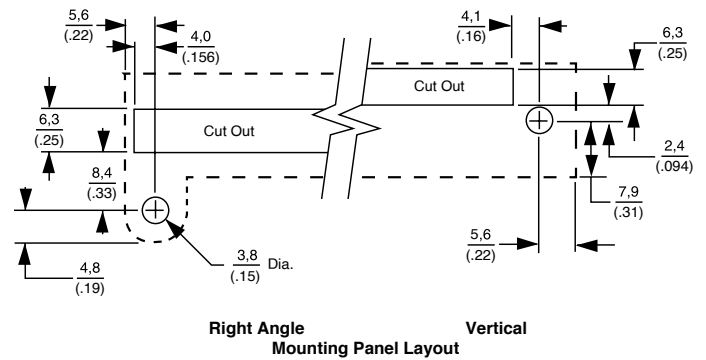
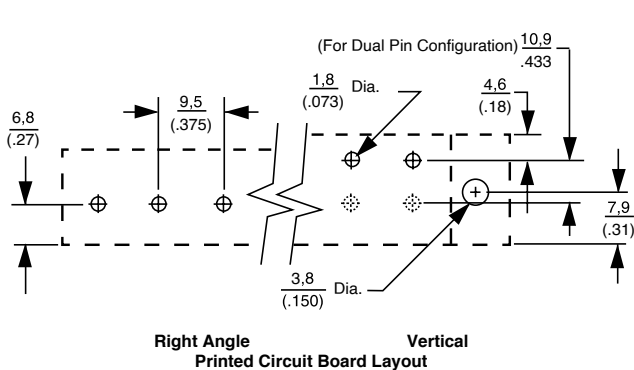
Electrical Properties

- Ratings -
 - UL Class C 25 Amps, 300V
 - UL Class D 5 Amps, 600V
 - CSA Type C 25 Amps, 300V
 - CSA Type D 5 Amps, 600V
- Wire Range - 18-22 AWG

Environmental Properties

- Operating Temperature Range - 105°C (221°F) max.
- Circuit Identification - page 224

Dimension [Unit: mm(in)]



BUCHANAN TERMINAL BLOCKS

#6 SERIES TRIBARRIER - .375"/9.53mm (CONTINUED)

ORDERING INFORMATION

6 PCV-04-006

A **B** **C** **D**

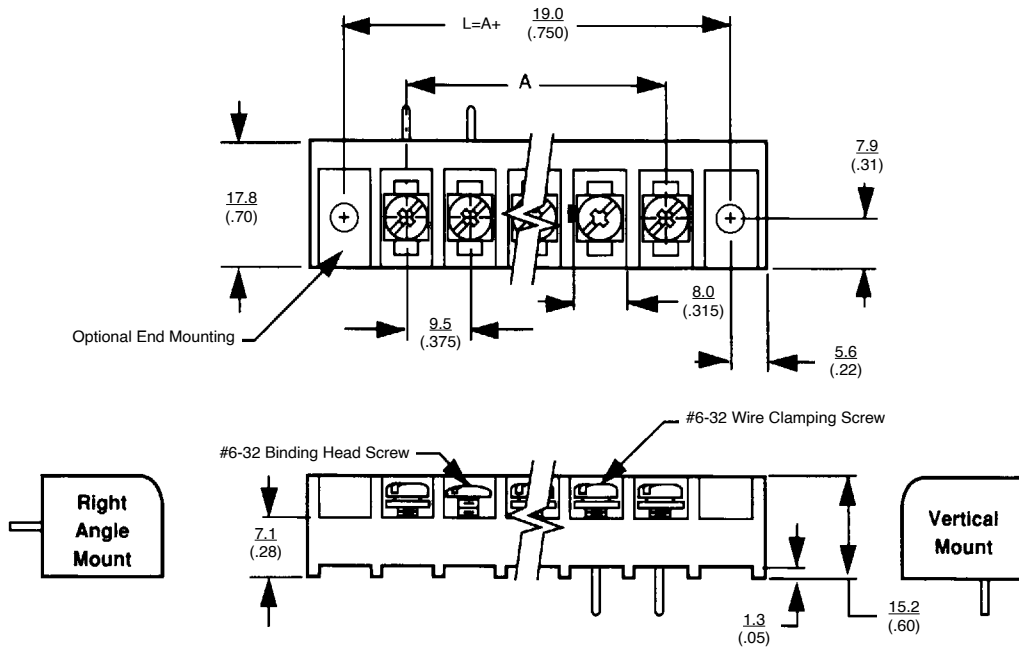
- A** Screw Size Spacing
6 = #6-32 on .375" Centers
- B** Terminal Style
DBL = Double Printed Circuit Pin
PCR = Printed Circuit, Right Angle
PCV = Printed Circuit Pin, Vertical
STR = Solder Turret, Right Angle
STV = Solder Turret, Vertical
TBV = Non Feed Thru
WWR = Solderless Wire Wrap, Right Angle
WWV = Solderless Wire Wrap, Vertical
- C** No. of Circuits (Not Positions)
02 through 30
- D** Modifier
Use table below
-002=-006 except brass screw
-003=-007 except brass screw

Terminal Style	Modifier Phil-slot Head	Screw Style	Mounting Construction
DBL	006	Wire Clamp	No Mounting
	007	Binding Head	
PCV	006	Wire Clamp	No Mounting
	007	Binding Head	
	008	Wire Clamp	
	009	Binding Head	
PCR	006	Wire Clamp	No Mounting
	007	Binding Head	
	008	Wire Clamp	
	009	Binding Head	
STV WWV	006	Wire Clamp	
	008	Wire Clamp	
STR WWR	006	Wire Clamp	
	008	Wire Clamp	
TBV	006	Wire Clamp	

BUCHANAN TERMINAL BLOCKS

#6 SERIES TRIBARRIER - .375"/9.53mm (CONTINUED)

Dimension [Unit: mm(in)]

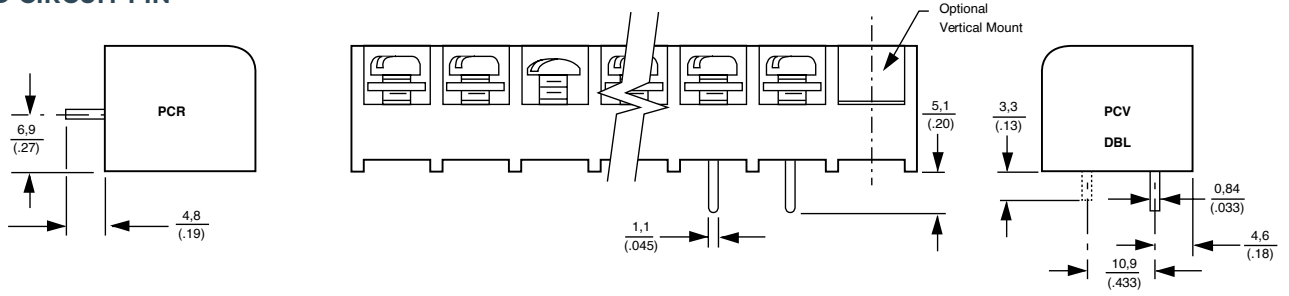


No. of Positions	Dim. A
2	8.2 (0.325)
3	16.5 (0.65)
4	24.7 (0.97)
5	33.0 (1.30)
6	41.3 (1.62)
7	49.5 (1.95)
8	57.8 (2.27)
9	66.0 (2.60)
10	74.3 (2.92)
11	82.5 (3.25)
12	90.8 (3.57)
13	99.1 (3.90)
14	107.3 (4.22)
15	115.6 (4.55)
16	123.8 (4.87)

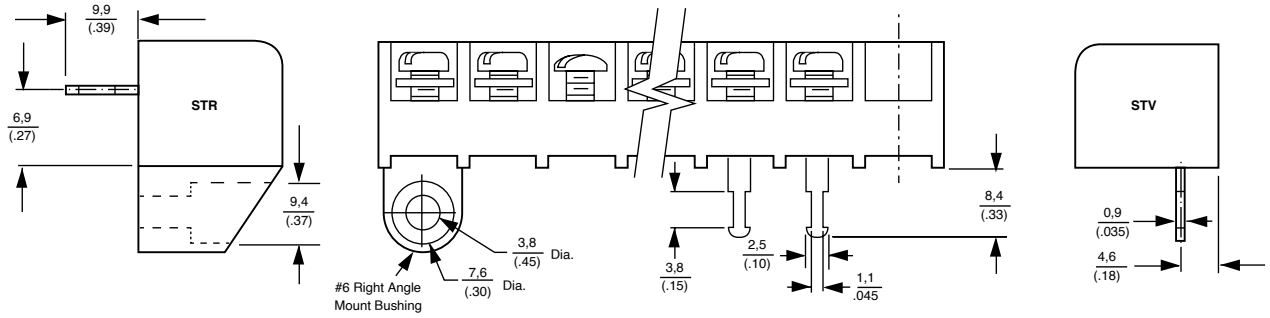
No. of Positions	Dim. A
17	132.1 (5.20)
18	140.3 (5.52)
19	148.6 (5.85)
20	156.8 (6.17)
21	165.1 (6.50)
22	173.3 (6.82)
23	181.6 (7.15)
24	189.9 (7.47)
25	198.1 (7.80)
26	206.4 (8.13)
27	214.6 (8.45)
28	222.9 (8.78)
29	231.1 (9.10)
30	239.4 (9.43)

BUCHANAN TERMINAL BLOCKS

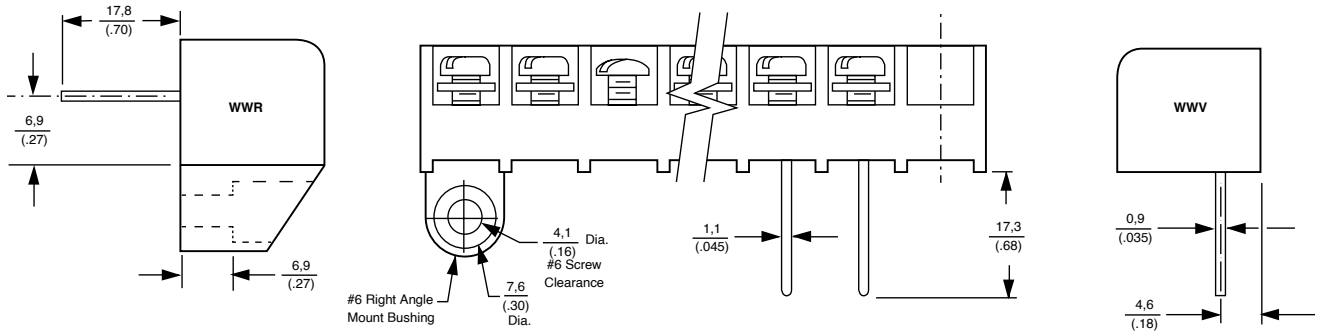
PRINTED CIRCUIT PIN



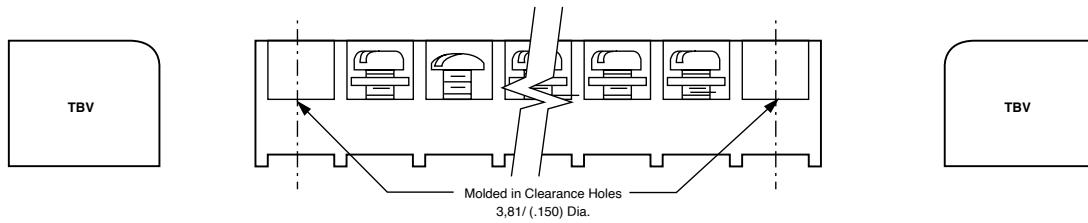
SOLDER TURRET



WIRE WRAP

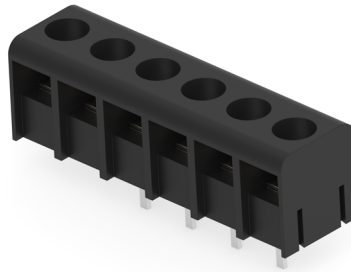


NON-FEED THRU



BUCHANAN TERMINAL BLOCKS

0.375" [9.53mm] PITCH, MODULAR W/COVER, TRI-BARRIER



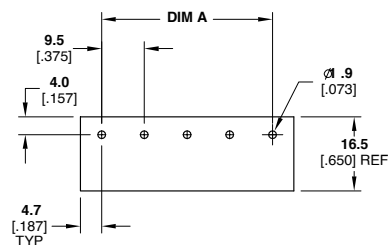
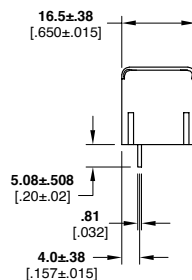
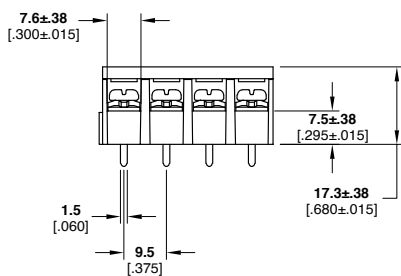
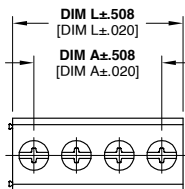
Material & Finish

- Housing Material - Polyamide
- Flammability - UL94V-0
- Color - Black
- Terminals - Brass, tin-plated
- Screws - m3.5, steel, nickel plated

Environmental Properties

- Operating Temperature Range -
-40°C to +120°C (-104°F to +248°F)
- Circuit Identification - page 224

Dimension [Unit: mm(in)]



Recommended PC Board Layout

Mechanical Properties

- Pitch (terminal spacing) - 0.375" (0.525)
- Recommended PCB Hole Dia. - 1.8mm (0.073")
- Recommended Tightening Torque - 12 in.-lb.

Electrical Properties

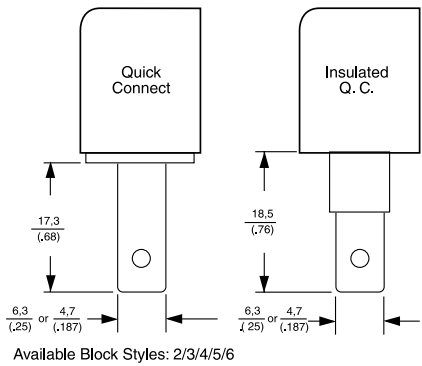
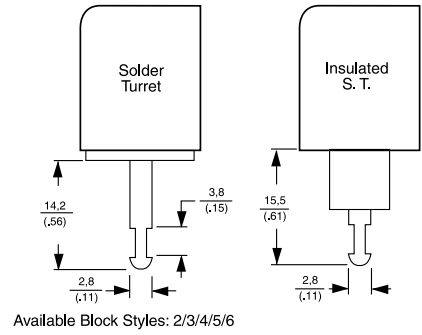
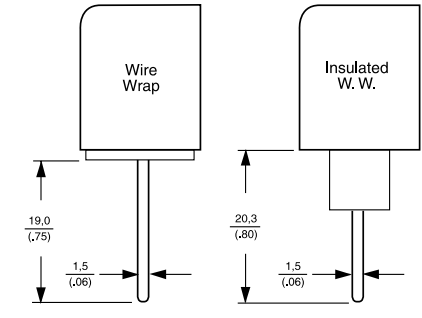
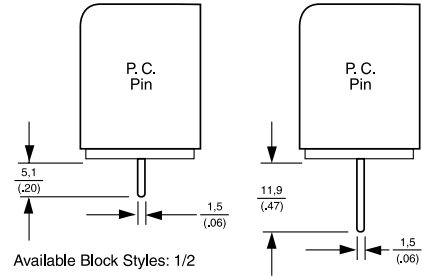
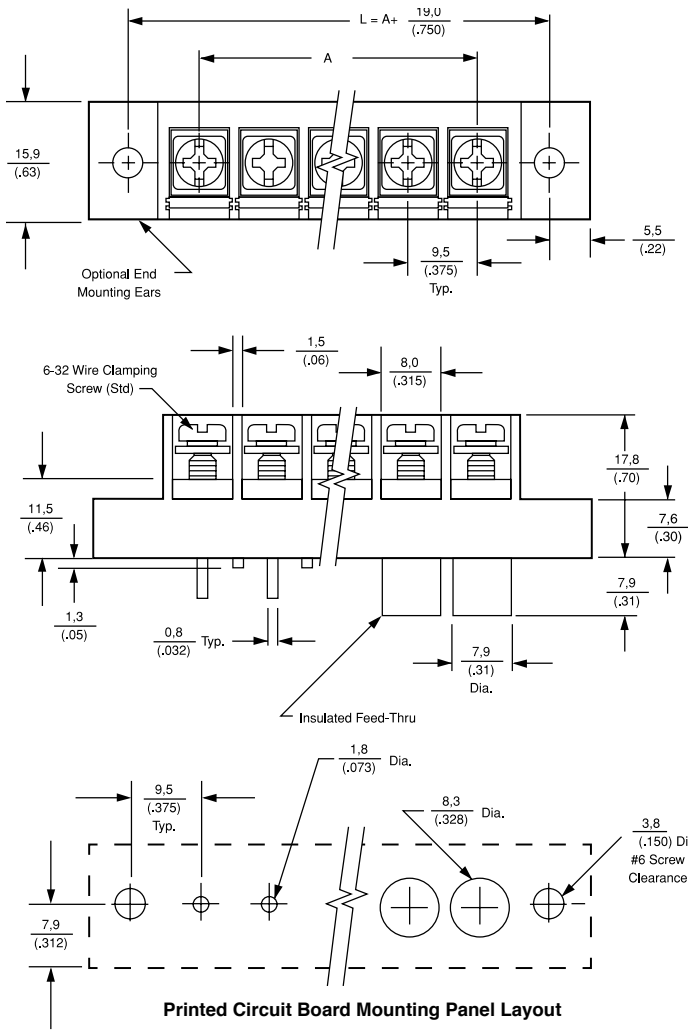
- Ratings* -
UL Class B 15 Amps, 300V
UL Class D 10 Amps, 300V
- *Evaluated to U.S. and Canadian Standards.
- Wire Range - 18-22 AWG

PRODUCT INFORMATION

No. of Positions	Dim. A	Part Numbers
2	.375 (9.5)	1546833-2
3	.750 (19.0)	1546833-3
4	1.125 (28.6)	1546833-4
6	1.875 (47.6)	1546833-6

BUCHANAN TERMINAL BLOCKS

Dimension [Unit: mm(in)]

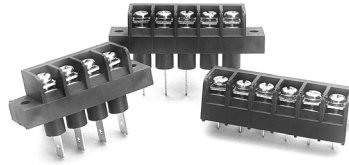


No. of Positions	Dim. A
2	.375 (9.5)
3	.750 (19.1)
4	1.125 (28.6)
5	1.500 (38.1)
6	1.875 (47.6)
7	2.250 (57.1)
8	2.625 (66.7)
9	3.000 (76.2)

No. of Positions	Dim. A
10	3.375 (85.7)
11	3.750 (95.2)
12	4.125 (104.8)
13	4.500 (114.3)
14	4.875 (123.8)
15	5.250 (133.3)
16	5.625 (142.9)

BUCHANAN TERMINAL BLOCKS

BC6 SERIES TRIBARRIER - .375"/9.53mm



Material & Finish

- **Housing Material** - Polypropylene
- **Flammability** - UL94V-0
- **Color** - Black
- **Terminals** - Bright acid tin over copper alloy
- **Screws** - #6-32 steel, zinc plating with clear chromate coating. Wire clamping screws and binding head screws available

Mechanical Properties

- **Pitch (terminal spacing)** - 0.375" (0.525)
- **Recommended PCB Hole Dia.** - 1.8mm (0.073")

Electrical Properties

- **Ratings** -
 - UL Class C 20 Amps, 300V
 - UL Class D 5 Amps, 600V
 - CSA Type C 20 Amps, 300V
- **Wire Range** - 12-22 AWG

Environmental Properties

- **Operating Temperature Range** - 105°C (221°F) max.
- **Circuit Identification** - page 224

ORDERING INFORMATION

BC6 - P - 1 08 - 08

A **B** **C** **D**

A Terminal Style

- P=Printed Circuit (available with 1,2,5 block style only)
- T=Solder Turret
- Q=Quick Connect .250
- W=Solderless Wrap
- E=Extended Circuit Board
- F=Quick Connect .187

C Screw Hardware

- 07=Steel binding combo head screw
- 08=Steel wire-clamp combo head screw (standard)
- 05=Brass binding combo head screw
- 06=Brass wire-clamp combo head screw

B Block Style

- 1=Flat, all positions filled (standard)
- 2=Flat, end mounting ears with holes (required for cover option)
- 3=Insulating turret, end mounting ears with holes (required for cover option)
- 4=Insulating turret, all positions filled
- 5=Flat, end positions open with mounting bushings
- 6=Insulating turret, end positions open with mounting bushings

D No. of Circuits (Not Positions)

- 02 to 25 circuits

BUCHANAN TERMINAL BLOCKS

BC6 SERIES TRIBARRIER - .375"/9.53mm



Material & Finish

- **Housing Material** - Thermoplastic polyamide
- **Flammability** - UL94V-0
- **Color** - Black
- **Terminals** - Bright acid tin over copper alloy
- **Screws** - #6-32 steel, zinc plating with clear chromate coating.

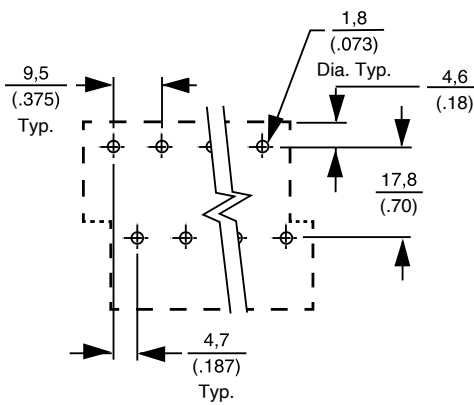
Mechanical Properties

- **Pitch (terminal spacing)** - 0.375" (9.525)
- **Recommended PCB Hole Dia.** - 1.8mm (0.073")

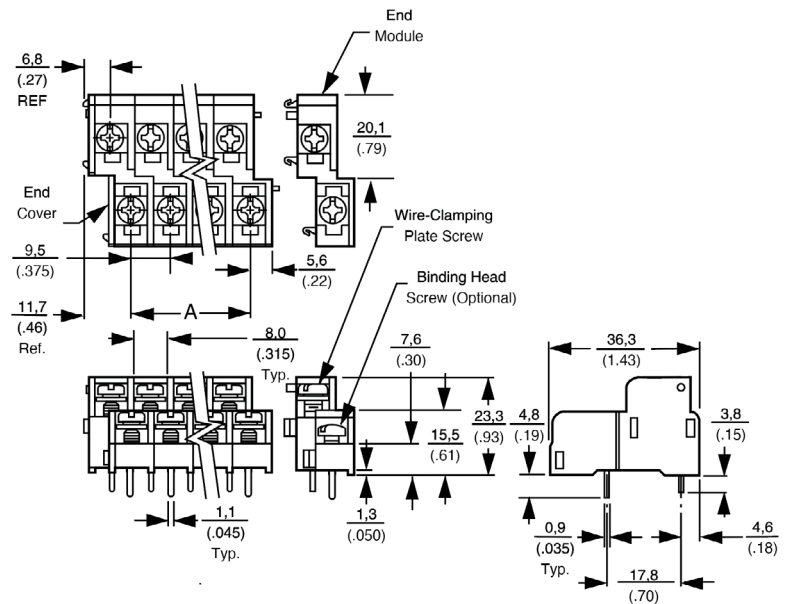
Electrical Properties

- **Ratings** -
UL Class C 25 Amps, 300V
CSA Type C 25 Amps, 600V
- **Wire Range** - 12-22 AWG

Dimension [Unit: mm(in)]



Printed Circuit Board Layout



BUCHANAN TERMINAL BLOCKS

ORDERING INFORMATION

MB6 - P1 - 08 - 04

A

B

C

D

A Series
MB6=Double Level, 0.375" Centers

C Screw Hardware
08=Steel wire clamp combo head screws

B Terminal Style
P1=Printed Circuit Pin, Vertical

D No. of Circuits (Not Positions)
02 to 40 available in multiples of 2

No. of Positions	Dim. A
4	9.5 (0.375)
6	19.1 (0.750)
8	28.6 (1.125)
10	38.1 (1.500)
12	47.6 (1.875)
14	57.1 (2.250)
16	66.7 (2.625)
18	76.2 (3.000)
20	85.7 (3.375)
22	95.2 (3.750)
24	104.8 (4.125)
26	114.3 (4.500)
28	123.8 (4.875)
30	133.3 (5.250)
32	142.9 (5.625)
34	152.4 (6.000)
36	161.9 (6.375)
38	171.4 (6.750)
*40	181.0 (7.125)

* Longer lengths available.
Please consult Technical Support.

BUCHANAN TERMINAL BLOCKS

#8 SERIES TRIBARRIER - .4375"/11.1mm

#8 SERIES TRI-BARRIERS



Material & Finish

- Housing Material - Polypropylene
- Flammability - UL94V-0
- Color - Black
- Terminals - Bright acid tin over copper alloy
- Screws - #8-32 steel, zinc plating with clear chromate coating. Wire clamping screws and binding head screws with undercut available

Mechanical Properties

- Pitch (terminal spacing) - .4375" (11.1)
- Recommended PCB Hole Dia. - 1.8mm (0.073")

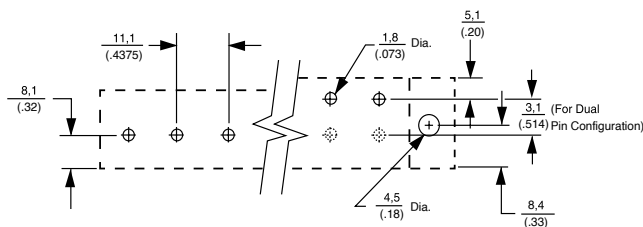
Electrical Properties

- Ratings -
UL Class C 30 Amps, 600V
CSA Type C 30 Amps, 600V
- Wire Range -
10-18 AWG, (UL)
10-22 AWG, (CSA)

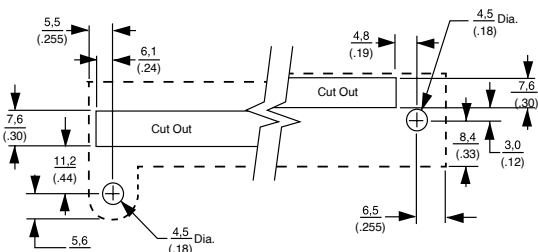
Environmental Properties

- Operating Temperature Range - 105°C (221°F) max.
- Circuit Identification - page 224

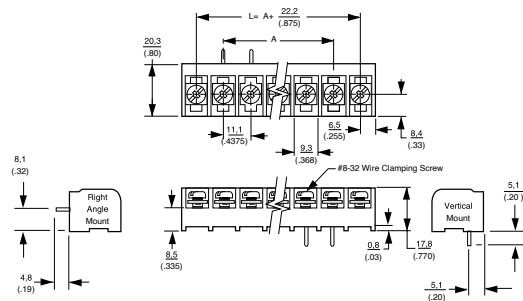
Dimension [Unit: mm(in)]



RIGHT ANGLE
PRINTED CIRCUIT BOARD LAYOUT



RIGHT ANGLE
MOUNTING PANEL LAYOUT



BUCHANAN TERMINAL BLOCKS

#8 SERIES TRIBARRIER - .4375"/11.1 mm (CONTINUED)

No. of Positions	Dim. A
2	0.4375 (11.1)
3	0.87 (22.2)
4	1.31 (33.3)
5	1.75 (44.5)
6	2.19 (55.6)
7	2.62 (66.7)
8	3.06 (77.8)
9	3.50 (88.9)
10	3.93 (100.0)
11	4.37 (111.1)
12	4.81 (122.2)
13	5.25 (133.3)
14	5.69 (144.5)
15	6.12 (155.6)
16	6.56 (166.7)
17	7.00 (177.8)
18	7.44 (188.9)
19	7.87 (200.0)
20	8.31 (211.1)
21	8.75 (222.2)
22	9.19 (233.4)
23	9.62 (244.5)
24	10.06 (255.6)
25	10.50 (266.7)
26	10.94 (277.8)

BUCHANAN TERMINAL BLOCKS

#8 SERIES TRIBARRIER - .4375"/11.1 mm (CONTINUED)

ORDERING INFORMATION

8 PCV-04-006

A **B** **C** **D**

- A Screw Size Spacing**
8 = #8-32 on .4375" Centers
- C No. of Circuits (Not Positions)**
02 through 26
- D Modifier**
Use table below
-002=-006 except brass screw
-003=-007 except brass screw

- B Terminal Style**
DBL = Double Printed Circuit Pin
PCR = Printed Circuit, Right Angle
PCV = Printed Circuit Pin, Vertical
QCR = Quick Connect Tab, Right Angle
QCV = Quick Connect Tab, Vertical
STR = Solder Turret, Right Angle
STV = Solder Turret, Vertical
TBV = Non Feed Thru
WWR = Solderless Wire Wrap, Right Angle
WWV = Solderless Wire Wrap, Vertical

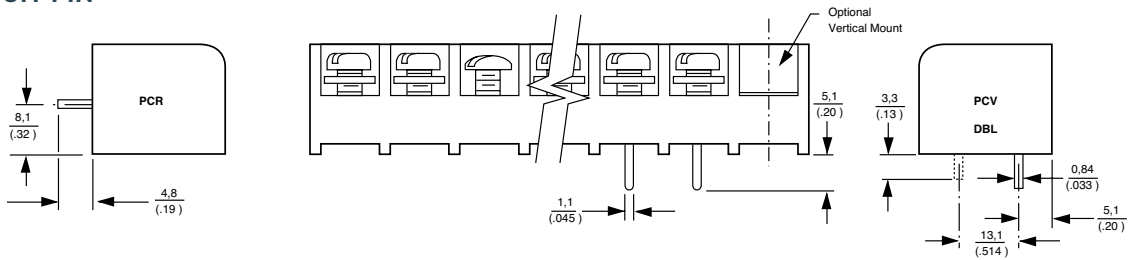


Terminal Style	Modifier Phil-slot Head	Screw Style	Mounting Construction
DBL	006	Wire Clamp	No Mounting
	007	Binding Head	
PCV	006	Wire Clamp	No Mounting
	007	Binding Head	
	008	Wire Clamp	
	009	Binding Head	
PCR	006	Wire Clamp	
	007	Binding Head	
	008	Wire Clamp	
	009	Binding Head	
QCV STV	006	Wire Clamp	
WWV	008	Wire Clamp	
QCR STR	006	Wire Clamp	
WWR	008	Wire Clamp	
TBV	006	Wire Clamp	

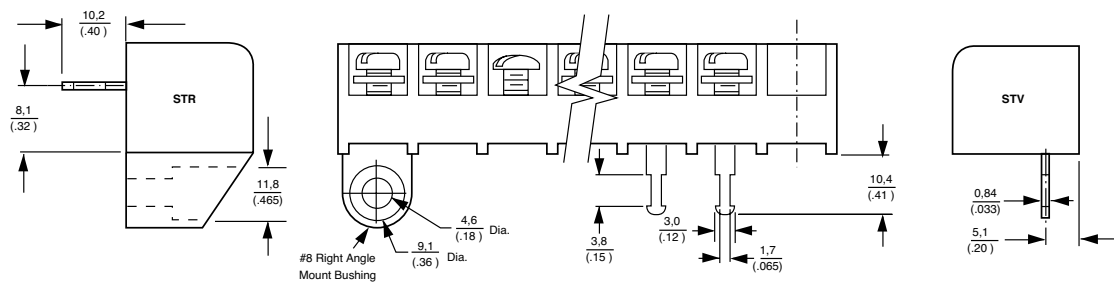
BUCHANAN TERMINAL BLOCKS

#8 SERIES TRIBARRIER - .4375"/11.1 mm (CONTINUED)

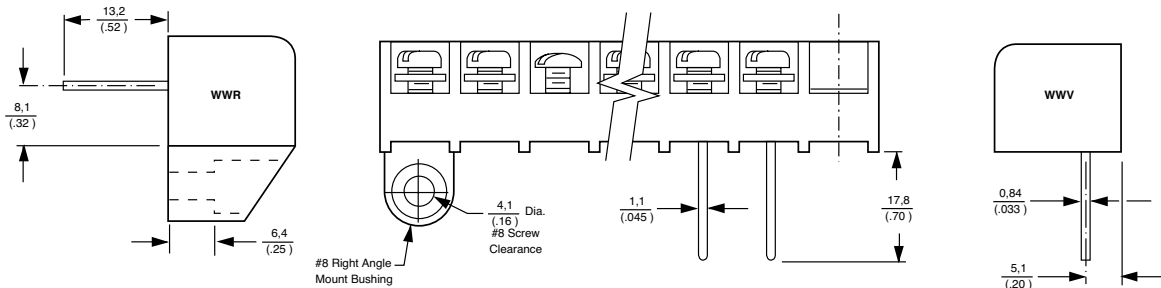
PRINTED CIRCUIT PIN



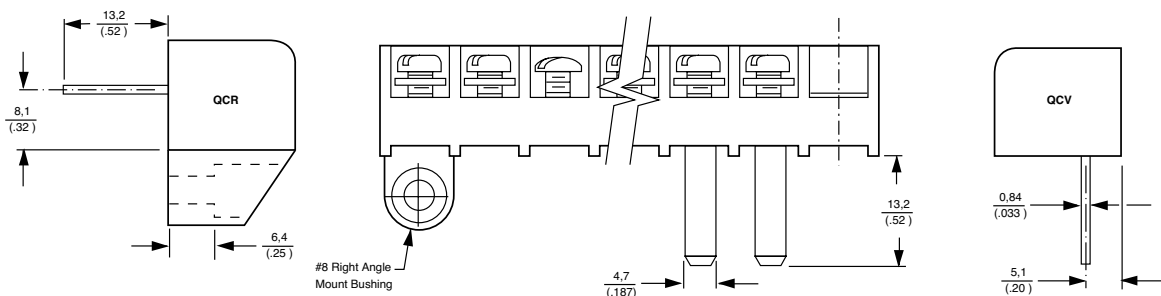
SOLDER TURRET



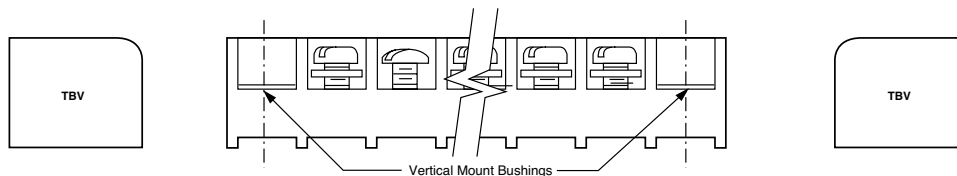
WIRE WRAP



QUICK CONNECT



NON-FEED THRU



BUCHANAN TERMINAL BLOCKS

DUAL BARRIER STRIPS



INTRODUCTION

The Dual Barrier design provides a more cost-effective solution than the Tri-Barrier Strips while still supplying many of the design advantages.

PRODUCT FACTS

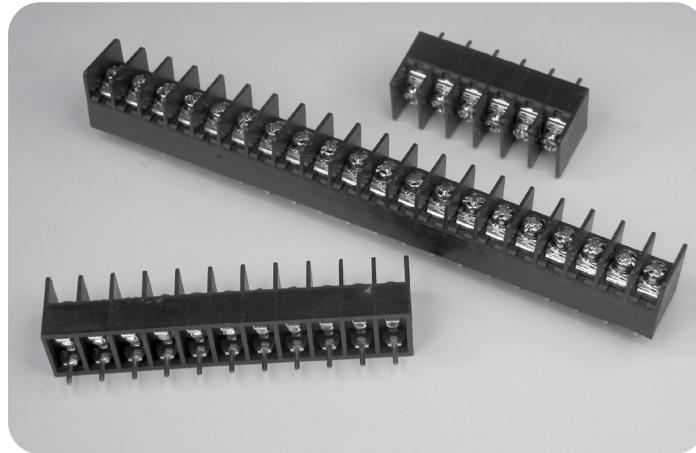
- Industrial controls and automation
- Machine tools
- HVAC/R
- Power supplies
- Security/Irrigation
- Transformers

DESIGN ADVANTAGES

- Fast wiring – backed-out wire-ready screws
- Interrupted thread designed to prevent screws from falling out
- Standoffs allow flux and solvents to drain during cleaning
- Molded-to-length or cut-to-length versions available

BUCHANAN TERMINAL BLOCKS

HIGH DENSITY .250 DUAL BARRIER - .250"/6.35mm



PRODUCT FACTS

- High density accommodates today's compact PCB layouts

Material & Finish

- **Insulator Body** - UL 94V-0, Thermoplastic, black
- **Terminal** - Brass, tin-plated
- **Screw** - M3, Steel, nickel-plated

Mechanical Properties

- **Recommended screw tightening torque** - 10 in-lbs
- Combination drive screws with #2 Phillips recess and standard slot

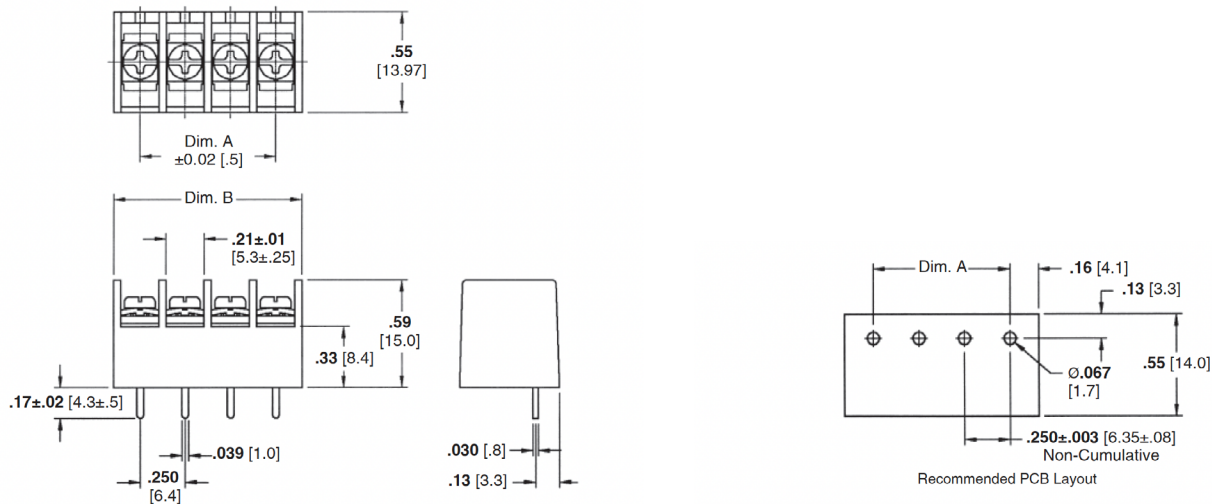
Electrical Properties

- **Current Rating** - 10 A
- **Voltage Rating** - 300 VAC/DC per UL and CSA standards
- **Wire Range** - 16-30 AWG, Copper, Solid or Stranded

Environmental Properties

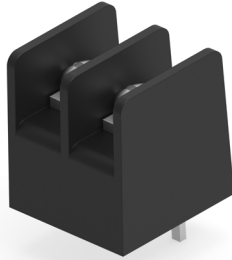
- **Operating Temperature Range** -
-40°C to +221°F (-40°C to +115°C)
- **Circuit Identification** - page 224

Dimension [Unit: in(mm)]



BUCHANAN TERMINAL BLOCKS

HIGH DENSITY .250 DUAL BARRIER - .250"/6.35mm



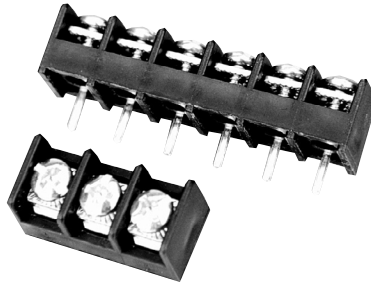
PRODUCT INFORMATION

No. of Positions*	Dimensions: in(mm)		Part Numbers
	A	B	
2	0.250 (6.35)	0.54 (13.7)	1546657-2
4	0.750 (19.1)	1.04 (26.4)	1546657-4
5	1.000 (25.4)	1.29 (32.8)	1546657-5
6	1.250 (31.8)	1.54 (39.1)	1546657-6
8	1.750 (44.4)	2.04 (51.8)	1546657-8
9	2.000 (50.8)	2.29 (58.2)	1546657-9
10	2.250 (57.2)	2.54 (64.5)	1-1546657-0
12	2.750 (69.9)	3.04 (77.2)	1-1546657-2

BUCHANAN TERMINAL BLOCKS

4DB SERIES DUAL BARRIER - .325"/8.26mm

4DB-P108-##



Material & Finish

- **Housing Material** - Thermoplastic Polyamide
- **Flammability** - UL94V-0
- **Color** - Black
- **Terminals** - Bright acid tin over copper alloy
- **Screws** - #6-32 steel, zinc plating with clear chromate coating. Wire clamping screws and binding head screws available

Mechanical Properties

- **Pitch (terminal spacing)** - 0.325" (9.525)
- **Recommended PCB Hole Dia.** - 1.7mm (0.07")

Electrical Properties

- **Ratings** -
 - UL Class C 20 Amps, 150V
 - UL Class D 10 Amps, 300V
 - CSA Type B 20 Amps, 300V
 - CSA Type C 20 Amps, 300V
 - CSA Type D 10 Amps, 300V
 - CSA Type E 20 Amps, 300V
- **Wire Range** - 12-22 AWG, (CSA)

Environmental Properties

- **Operating Temperature Range** - 105°C (221°F) max.
- **Circuit Identification** - page 224

ORDERING INFORMATION

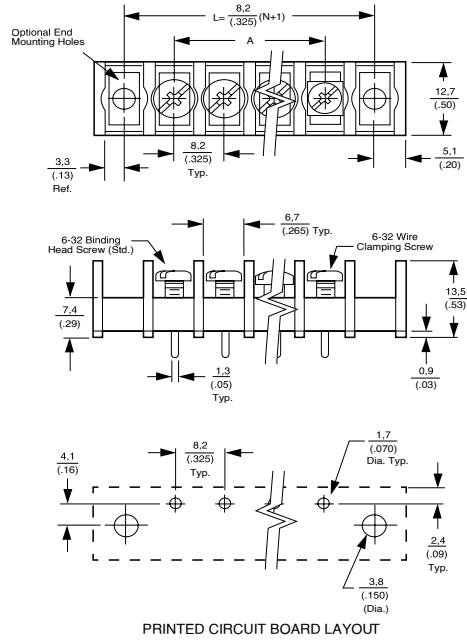
4DB - P 1 08 06
A B C D E

- A Series**
4DB=Dual Barrier, 0.325" Centers
- B Terminal Style**
P=Printed Circuit (available with 1,2,5 block style only)
W=Wire Wrap
R=Right Angle
- C Block Style**
1=Flat, all positions filled
2=Flat, end mounting holes
- D Screw Type**
07=Steel binding combo head screws
08=Steel wire clamp combo head screws
- E No. of Circuits (Not Positions)**
02 to 30 circuits

BUCHANAN TERMINAL BLOCKS

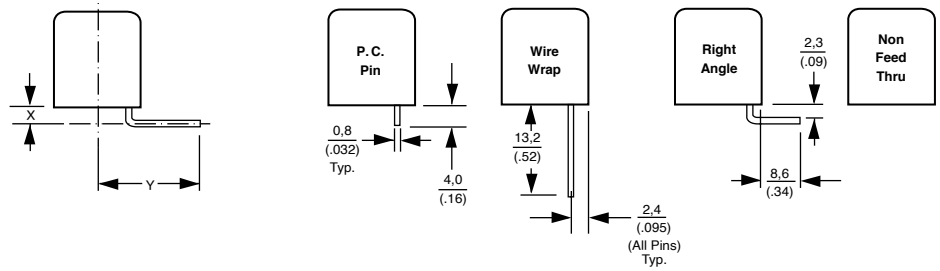
4DB SERIES DUAL BARRIER - .325"/8.26mm

Dimension [Unit: mm(in)]



BEND OPTIONS:

A variety of bend options are available. Please consult Technical Support for details.

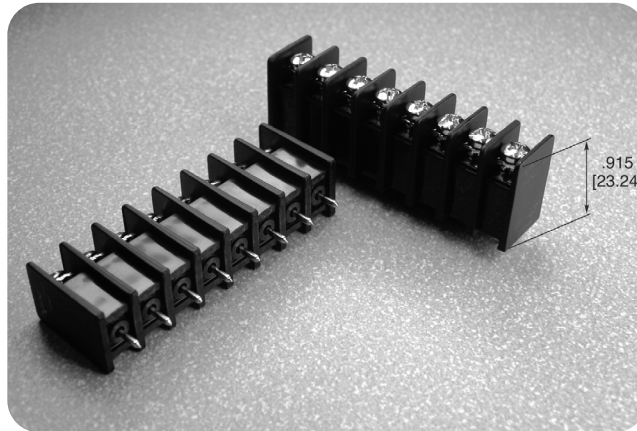


No. of Positions	Dim. A mm(in)
2	8.2 (0.325)
3	16.5 (0.650)
4	24.8 (0.975)
5	33.0 (1.300)
6	41.3 (1.625)
7	49.5 (1.950)
8	57.8 (2.275)
9	66.0 (2.600)
10	74.3 (2.925)
11	82.5 (3.250)
12	90.8 (3.575)
13	99.1 (3.900)
14	107.3 (4.225)
15	115.6 (4.550)
16	123.8 (4.875)

No. of Positions	Dim. A mm(in)
17	132.1 (5.200)
18	140.3 (5.525)
19	148.6 (5.850)
20	156.8 (6.175)
21	165.1 (6.500)
22	173.3 (6.825)
23	181.6 (7.150)
24	190.0 (7.475)
25	198.1 (7.800)
26	206.4 (8.125)
27	214.6 (8.450)
28	222.8 (8.775)
29	231.1 (9.100)
30	239.4 (9.425)

BUCHANAN TERMINAL BLOCKS

HIGH RISE DUAL BARRIER STRIPS, - .325"/8.26mm



PRODUCT FACTS

- High rise profile provides wire entry access on congested PC boards
- Space saving high rise design allows for dual-level wire entry when used with 4DB series barrier strips
- Captive screws provided in wire-ready position

Material & Finish

- **Insulator Body** - UL 94V-0, Thermoplastic, black
- **Terminal** - Brass, tin-plated

Mechanical Properties

- **Recommended screw tightening torque** - 10 in-lbs
- Combination drive screws with #2 Phillips recess and standard slot

Electrical Properties

- **Current Rating** - 10 A
- **Voltage Rating** - 20 A, 300 VAC/DC per UL and CSA standards
- **Wire Range** - 12-22 AWG, Cu, Solid or Stranded

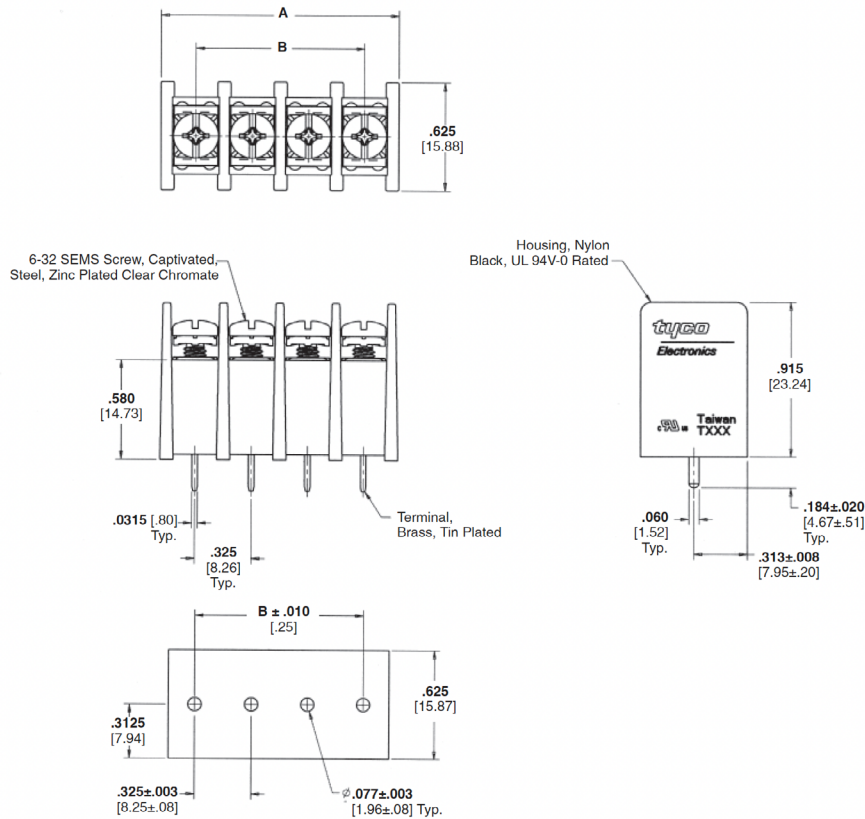
Environmental Properties

- **Operating Temperature Range** -
-40°C to +221°F (-40°C to +105°C)
- **Circuit Identification** - page 224

BUCHANAN TERMINAL BLOCKS

HIGH RISE DUAL BARRIER STRIPS, - .325"/8.26mm

Dimension [Unit: in(mm)]



PRODUCT INFORMATION

No. of Positions*	Dimensions: in(mm)		Part Numbers
	A	B	
3	1.050 (26.67)	0.650 (16.51)	1546734-3
4	1.375 (34.93)	0.975 (24.77)	1546734-4
8	2.675 (67.95)	2.275 (57.79)	1546734-8
10	3.325 (84.46)	2.925 (74.29)	1-1546734-0

BUCHANAN TERMINAL BLOCKS

JC6 SERIES DUAL BARRIER - .375"/9.53mm

JC6-P107-03



Material & Finish

- **Housing Material** - Polypropylene
- **Flammability** - UL94V-0
- **Color** - Black
- **Terminals** - Bright acid tin over copper alloy
- **Screws** - #6-32 steel, zinc plating with clear chromate coating. Wire clamping screws and binding head screws available

Mechanical Properties

- **Pitch (terminal spacing)** - 0.375" (0.525)
- **Recommended PCB Hole Dia.** - 1.8mm (0.073")

Electrical Properties

- **Ratings** -
 - UL Class C 20 Amps, 300V
 - UL Class D 5 Amps, 600V
 - CSA Type B 20 Amps, 300V
 - CSA Type C 20 Amps, 300V
 - CSA Type D 5 Amps, 600V
 - CSA Type E 20 Amps, 600V
- **Wire Range** - 12-22 AWG

Environmental Properties

- **Operating Temperature Range** - 105°C (221°F) max.
- **Circuit Identification** - page 224

ORDERING INFORMATION

JC6 - P 1 07 06

A

B

C

D

E

A Series

JC6 = Dual Barrier, 0.375" Centers

C Block Style

- 1 = Flat, all positions filled
- 2 = Flat, end mounting ears (required for cover option)
- 3 = Insulating turret, end mounting ears with holes (required for cover option)
- 4 = Insulating turret, all positions filled
- 5 = Flat, open end with mounting bracket
- 6 = Flat, open end, mounting bracket, insulating turret
- 7 = Closed bottom, end mounting ears. (for C style terminal only)

B Terminal Style

- C = Non Feed Thru
- E = Extended Circ. Bd.
- F = Quick Connect, .187
- P = Printed Circuit Pin (available with 1, 2 Block Style)
- T = Solder Turret
- Q = Quick Connect, .250
- W = Solderless Wrap

D Screw Hardware

- 05 = Brass binding combo head screws
- 06 = Brass wire-clamp combo head screws
- 07 = Steel binding combo head screws
- 08 = Steel wire-clamp combo head screws (standard)

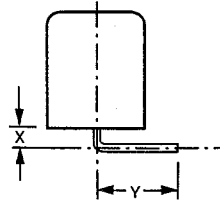
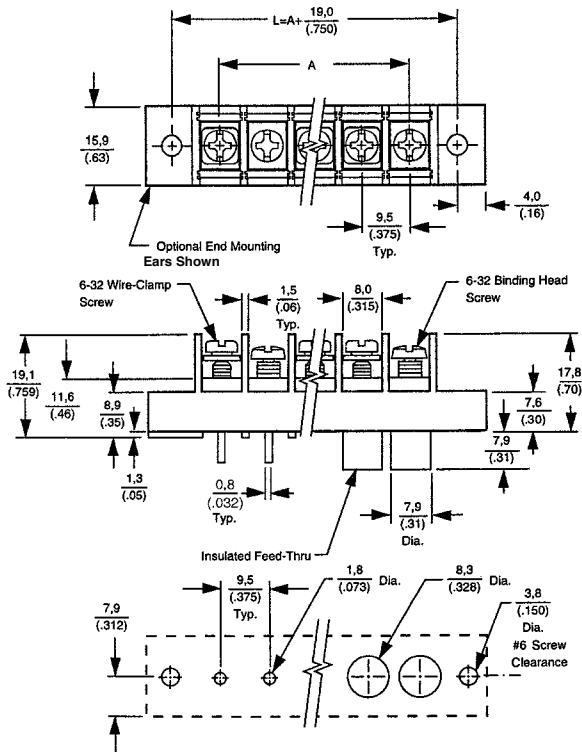
E No. of Circuits (Not Positions)

02 to 25 circuits

BUCHANAN TERMINAL BLOCKS

JC6 SERIES DUAL BARRIER - .375"/9.53mm (CONTINUED)

Dimension [Unit: mm(in)]

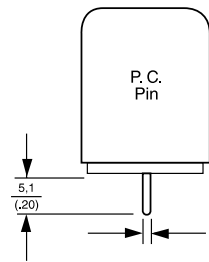


Bend Options:

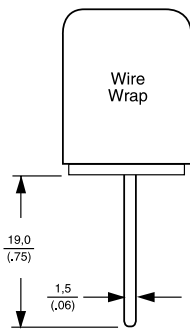
A variety of bend options are available. Please consult Technical Support for details.

PRINTED CIRCUIT BOARD//MOUNTING PANEL LAYOUT

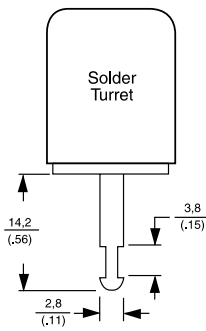
Available Block Styles: 1/2/5



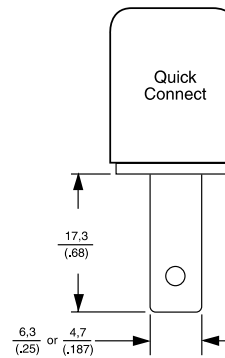
Available Block Styles: 2/3/4/5/6



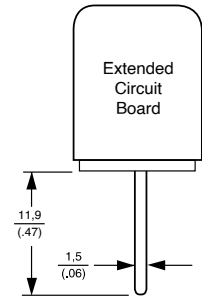
Available Block Styles: 2/3/4/5/6



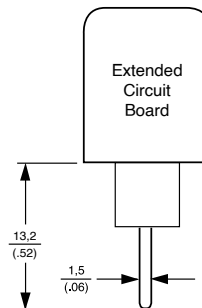
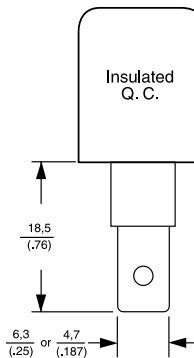
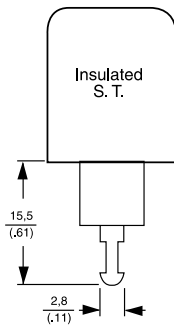
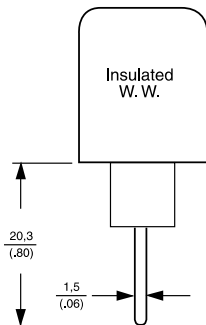
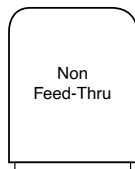
Available Block Styles: 2/3/4



Available Block Styles: 1/2/3/4/5/6



Available Block Styles: 7



BUCHANAN TERMINAL BLOCKS

JC6 SERIES DUAL BARRIER - .375"/9.53mm (CONTINUED)

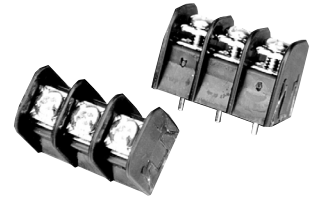
No. of Positions	Dim. A : mm(in)
2	8.2 (0.325)
2	9.5 (0.375)
3	19.1 (0.750)
4	28.6 (1.125)
5	38.1 (1.500)
6	47.6 (1.875)
7	57.1 (2.250)
8	66.7 (2.625)
9	76.2 (3.000)
10	85.7 (3.375)
11	95.2 (3.750)
12	104.8 (4.125)
13	114.3 (4.500)
14	123.8 (4.875)
15	133.3 (5.250)
16	142.9 (5.625)
17	152.4 (6.000)
18	161.9 (6.375)
19	171.45 (6.750)
20	180.98 (7.125)
21	190.5 (7.500)
22	200.03 (7.875)
23	209.55 (8.250)
*24	219.08 (8.625)
*25	228.60 (9.000)

* No mounting available

BUCHANAN TERMINAL BLOCKS

NC6 SERIES DUAL BARRIER - .375"/9.53mm, LOW PROFILE

NC6-P108-03



Material & Finish

- **Housing Material** - Thermoplastic polyamide
- **Flammability** - UL94V-0
- **Color** - Black
- **Terminals** - Bright acid tin over copper alloy
- **Screws** - #6-32 steel, zinc plating with clear chromate coating. Wire clamping screws and binding head screws available

Mechanical Properties

- **Pitch (terminal spacing)** - 0.375" (9.525)
- **Screw Size** - #6-32 steel
- **Recommended PCB Hole Dia.** - 1.8mm (0.073")

Electrical Properties

- **Ratings** -
UL Class C 20 Amps, 300V
CSA Type C 20 Amps, 300V
- **Wire Range** - 12-22 AWG

Environmental Properties

- **Operating Temperature Range** - 105°C (221°F) max.
- **Circuit Identification** - page 224

ORDERING INFORMATION

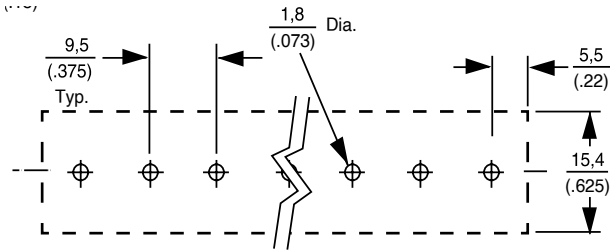
NC6 - P 1 08 - 04
A B C D E

- A Series**
NC6 = Dual Barrier, 0.375" Centers, Low Profile
- B Terminal Style**
P = Printed Circuit Pin (available with 1, 2 Block Style)
- C Block Style**
1 = Flat, all positions filled
2 = End mounting holes provided

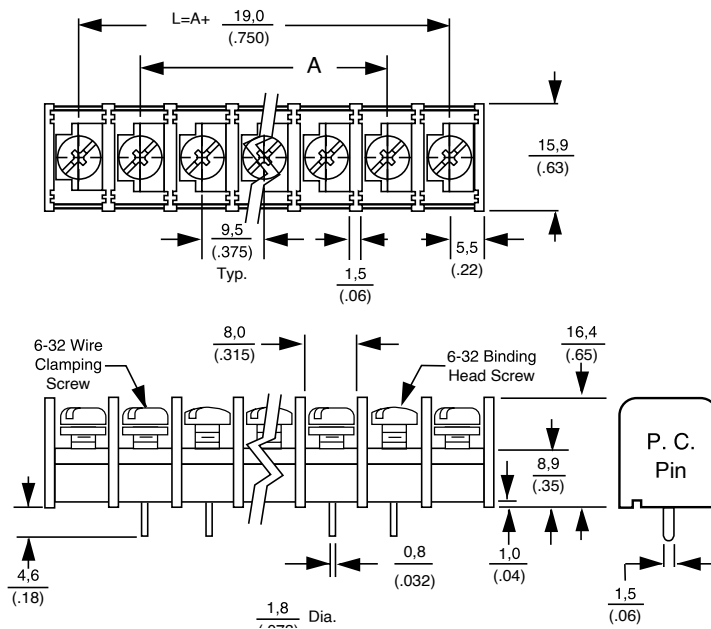
- D Screw Hardware**
05 = Brass binding combo head screws
06 = Brass wire-clamp combo head screws
07 = Steel binding combo head screws
08 = Steel wire-clamp combo head screws
- E No. of Circuits (Not Positions)**
02 through 24 circuits

BUCHANAN TERMINAL BLOCKS

Dimension [Unit: mm(in)]



RECOMMENDED PCB HOLE LAYOUT



No. of Positions	Dim. A: mm(in)
2	9.5 (0.375)
3	19.1 (0.750)
4	28.6 (1.125)
5	38.1 (1.500)
6	47.6 (1.875)
7	57.1 (2.250)
8	66.7 (2.625)
9	76.2 (3.000)
10	85.7 (3.375)
11	95.2 (3.750)
12	104.8 (4.125)
13	114.3 (4.500)

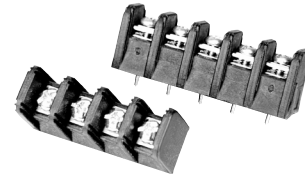
No. of Positions	Dim. A: mm(in)
14	123.8 (4.875)
15	133.3 (5.250)
16	142.9 (5.625)
17	152.4 (6.000)
18	161.9 (6.375)
19	161.9 (6.750)
20	171.4 (7.125)
21	181.0 (7.500)
22	190.5 (7.875)
*23	200.0 (8.250)
*24	209.6 (8.625)

* No mounting available

BUCHANAN TERMINAL BLOCKS

SSB7 SERIES DUAL BARRIER - .4375"/11.1mm

SSB7FP##0202



Material & Finish

- Housing Material - Polypropylene
- Flammability - UL94V-2
- Color - Black
- Terminals - Brass, bright acid tin over copper plating
- Screw - #6-32 Steel with zinc + chromate plating

COMPUTING BARRIER BLOCK LENGTHS

- Direct Mounting - Use C1 and L1 for P & H mounting options
- End Position Mounting - Use L2 and C2 for M, E, F & G mounting options

Electrical Properties

- Ratings -
 - UL Class B 20 Amps, 600V
 - UL Class C 20 Amps, 600V
 - CSA Type C 20 Amps, 300V
 - CSA Type D, 5 Amps, 600V
- Wire Range - 12-22 AWG
- Dielectric Withstand - 5000V

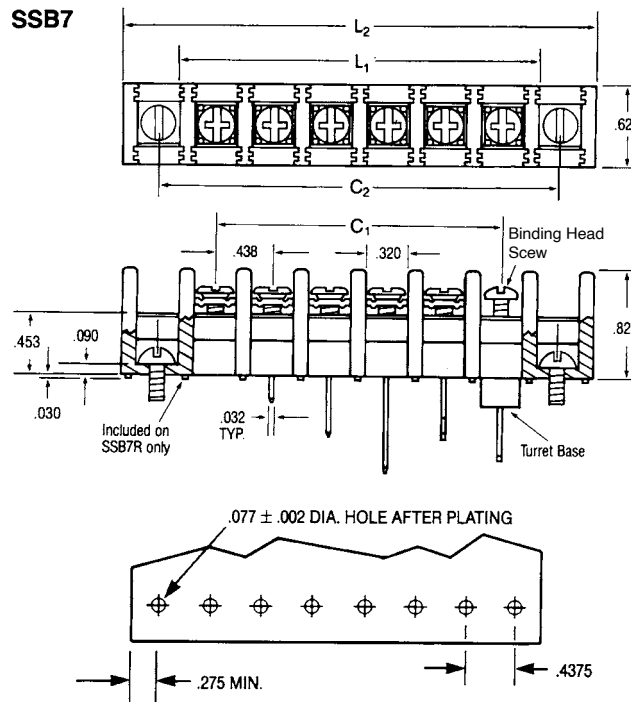
Mechanical Properties

- Pitch (terminal spacing) - .4375 in. (11.1)
- Recommended PCB Hole Dia. - .077" (1.955)
- Wire Strip Length - .38" (9.652)
- Recommended Tightening Torque - 8 in-lbs.
- Recommended Screwdrivers - Stanley 1006-4, Sears Craftsman 41581, Any #2 Phillips-Head
- Wire Lug Width (Max.) - 8.1mm (0.320 in.)

Environmental Properties

- Operating Temperature Range - 60°C to +105°C (-76°F to +221°F)

Dimension [Unit: in(mm)]



BUCHANAN TERMINAL BLOCKS

SSB7 SERIES DUAL BARRIER - .4375"/11.1mm (CONTINUED)

Circuits (not positions)	C1 in.	L1* in.	C2 in.	L2* in.
01	-	-	0.88	1.44
02	0.44	1.00	1.31	1.88
03	0.88	1.44	1.75	2.31
04	1.31	1.88	2.19	2.75
05	1.75	2.31	2.63	3.19
06	2.19	2.75	3.06	3.63
07	2.63	3.19	3.50	4.06
08	3.06	3.63	3.94	4.50
09	3.50	4.06	4.38	4.94
10	3.94	4.50	4.81	5.38
11	4.38	4.94	5.25	5.81
12	4.81	5.38	5.69	6.25
13	5.25	5.81	6.13	6.69
14	5.69	6.25	6.56	7.13
15	6.13	6.69	7.00	7.56
16	6.56	7.13	7.44	8.00
17	7.00	7.56	7.88	8.44
18	7.44	8.00	8.31	8.88
19	7.88	8.44	8.75	9.31
20	8.31	8.88	9.19	9.75
21	8.75	9.31	9.63	10.19
22	9.19	9.75	10.06	10.63
23	9.63	10.19	10.50	11.06
24	10.06	10.63	10.94	11.50
25	10.50	11.06	11.38	11.94
26	10.94	11.50	-	-
27	11.38	11.94	-	-

BUCHANAN TERMINAL BLOCKS

SSB7 SERIES DUAL BARRIER - .4375"/11.1mm (CONTINUED)

ORDERING INFORMATION

SSB 7 F P 06 02 02 11

A **B** **C** **D** **E** **F** **G** **H**

A Single Screw Dual Barrier Strip SSB

B Contact Spacing (Center-to-Center)

7 = .4375 (7/16)

C Base Options

C=Closed Base

F=Flat Base

R=Raised Base

T=Turret Base

(Available only with 01, 04, 05, 07, 09, 12, 13, 15 style bottom terminals)

D Mounting Options

(See illustration below)

E=Open end positions, with mounting inserts, with end barriers

F=Open end positions, without mounting inserts, without end barriers

G=Open end positions, with mounting inserts, without end barriers

M=Open end positions, without mounting inserts, with end barriers

P=All positions filled with contacts, with end barriers

E No. of Circuits (Not Positions)

Must conform to mounting options

02 through 32 circuits (P & H mounting)

02 to 27 circuits (M, E, F & G mounting)

H Circuit Identification Options

11= 12345...

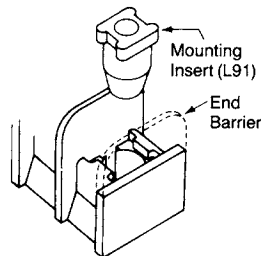
12= ...54321

13= 1 2 3 4 5 ...

14= ... 5 4 3 2 1

15= 12345... = 51

16= ...54321 =



F Terminal Style

01=Solder Tail

02=Printed Circuit Pin

03=Non-Feed Through (with C base only)

04=Extended Printed Circuit Pin

05=Quick Connects

06=90° bend, .46" x .11" (with F base only)

07=Wire Wrap

08=90° bend, .75" x .11" (with F base only)

12=90° bend, .21" x .65"

13=90° bend, .36" x .50"

14=90° bend, .41" x .16" (with F base only)

15=90° bend, .51" x .35"

16=90° bend, .32" x .25" (with F base only)

G Top Hardware Options

00=No top hardware (Separately packaged binding head screws supplied at no cost)

01=Bright zinc and chromate plated steel binding head screw

02=Bright zinc and chromate plated steel screw and captive clamp - Do not order with other top hardware

03=Stainless steel binding head screw

04=Nickel plated brass binding head screw

09=Nickel plated brass screw and captive clamp - Do not order with other top hardware

80=Single-sided solder tab

81=Double-sided solder tab

.250 wide x.032 thick	.187 wide x.020thick		.250 wide x.032 thick	.187 wide x.020thick	
20	40=		29	49=	
21	41=		30	50=	
22	42=		31	51=	
23	43=		32	52=	
24	44=		33	53=	
25	45=		34	54=	
26	46=		35	55=	
27	47=		36	56=	
28	48=				

BUCHANAN TERMINAL BLOCKS

SSB7 SERIES DUAL BARRIER - .4375"/11.1mm (CONTINUED)

Contact Spacing Options: .4375 in (7/16") Spacing

Extra thick barriers provide higher voltage rating. Up to 27 ckts. (25 circuits for end mounted blocks)

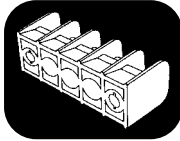
Base Options:

Closed Base

Catalog Letter

Code: C.

For terminal junction blocks requiring top connections only. Useful in applications requiring single point circuit terminations or circuit completion via top mounted, single- and two-sided quick-connects. Replace double-row barrier strips.

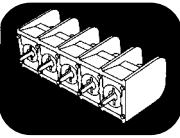


Flat Base

Catalog Letter Code:

F.

Lends itself most readily to applications where direct top-to-bottom feedthrough is required with no special requirement for circuit isolation on the bottom side. The most common example of this is printed circuit board mounting.



Raised Base

Catalog Letter Code: R.

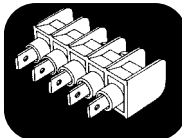
Standoffs between each circuit raise block .030" above mounting surface to allow flux and solvents to drain during soldering operations. Available only with 02 and 04 bottom terminals.

Turret Base

Catalog Letter Code:

T.

Combines top-to-bottom feed-through with bottom-side circuit isolation for panels up to .126" thick. Turret bases are available with the following terminals: solder tail, quick connect, machine wrap, extended circuit board terminal, and right-angle.



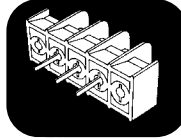
Mounting Options:

End Position Mounting

Catalog Letter Codes:

E, F, G or M.

Supplied without contacts in end sections to allow installer to mount blocks with screws in end section holes. Base of block will support mounting screws (Codes F & M). Also available with mounting inserts installed in end mounting holes to raise mounting screw heads to the level of other top hardware (Codes E & G).



Without End Barriers

Catalog Letter Codes: F, G & H.

Facilitates mounting-screw access when end sections are used for mounting.

Direct Mounting

Catalog Letter Code: P & H. SSBs may be solder-mounted using the bottom terminals themselves, as in the case of printed circuit board applications.

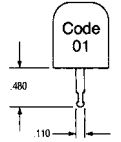
Direct mounting is also possible with turret base models using press-on retaining clips (Catalog No. L97, Part Number 1437661-7) on turrets.

Terminal Style:

Solder Tail

Catalog Number Code: 01.

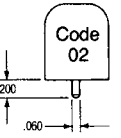
For applications requiring a wrapped solder connection.



Printed Circuit Pin

Catalog Number Code: 02.

Designed specifically for mounting on .063" thick circuit board. Special, readily solderable plating permits good fillet development in automated soldering processes.



Non-Feed-Through

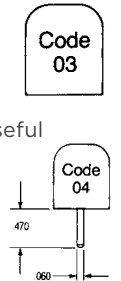
Catalog Number Code: 03.

With closed base option only.

Extended Printed Circuit Pin

Catalog Number Code: 04.

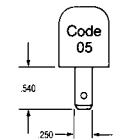
Useful where extra length is needed, as in thicker printed circuit boards or single-wrap connections.



Quick Connect

Catalog Number Code: 05.

.250 in. wide x .032" thick blades accept .250" female quick connects.



BUCHANAN TERMINAL BLOCKS

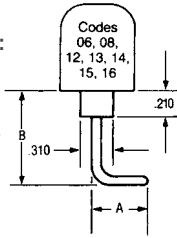
SSB7 SERIES DUAL BARRIER - .4375"/11.1mm (CONTINUED)

MOUNTING POSITION:

Right-Angle

Catalog Number Codes: 06, 08, 12, 13, 14, 15,

16. Seven variations of right-angle contacts are available. Designed for circuit board and panel applications, this option saves space when printed circuit boards are stacked closely together. It provides access to top connections in restricted spaces. Mount with angle brackets. (Catalog No. L92).



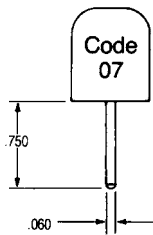
Catalog No. Code	A in.	B in.
06*	0.46	0.11
08*	0.75	0.11
12	0.21	0.65
13	0.36	0.50
14*	0.41	0.16
15	0.51	0.35
16*	0.32	0.25

*Not available with turret base

WIRE WRAP

Catalog Number

Code: 07. Longer than extended circuit board terminals. Post alignment is compatible with tolerances required for automatic wire wrapping equipment. Post dimensions are compatible with standard wire wrapping bits.



TOP Hardware Options:

Binding Head Screws

In most applications, binding head screws will provide excellent wire retention because of exclusive wire locking tabs. These binding head screws are available in 3 materials identified by codes 01, 02, and 03.



Catalog Number Code:

01 Bright Zinc and Chromate Plated Steel

02 Stainless Steel

03 Nickel Plated Brass

CAPTIVE CLAMP

For applications requiring extra security, captive clamps under the screw heads augment the locking tabs on each contact. Screws have a unique Philslot design accepting either Phillipshead or straight screwdriver. Code 02 screw is Bright Zinc and Chromate plated steel. Code 09 screw is Nickel plated Brass.



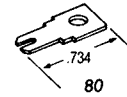
Catalog Number Code:

02 Bright Zinc and Chromate Plated Steel

09 Nickel Plated Brass

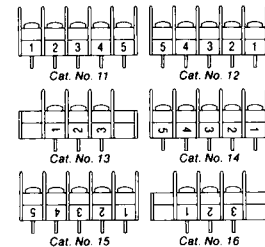
SOLDER TABS

Catalog Number Code: 80. Singlesided, slotted solder tabs are available for making wrapped solder connections on the top side of SSBs.



Circuit Identification Options: Catalog Number Codes: 11 through 16.

SSB blocks may be ordered with circuit identification numbers in white on the molding in six different variations. Custom markings are available on special order.



Molding Material Options:

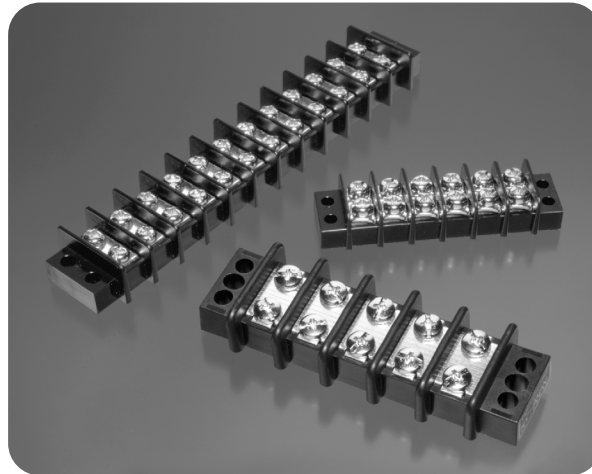
The standard SSB molding material is UL94V-2 polypropylene. Consult Technical Support for other materials available on special order.

Molding Color Options:

SSB blocks are stocked in black. Consult Technical Support for availability of other colors.

BUCHANAN TERMINAL BLOCKS

DOUBLE-ROW, DUAL BARRIER STRIPS



PRODUCT FACTS

- Double-row, dual barrier strips for wire-to-wire applications. These parts also allow end users to complete the wiring to a separate screw without disturbing the factory wiring.
- Available with either binding head screws or wire clamp
- Increased current-carrying capability

APPLICATIONS

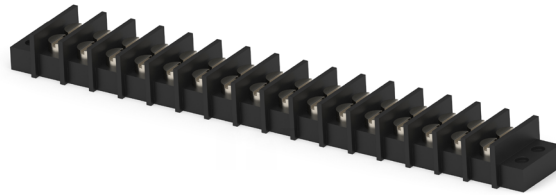
- Industrial Controls
- Test Equipment
- HVAC
- Power Supplies
- Traffic Signals
- Telecom

KEY FEATURES

- Closed bottom design allows for mounting direct to sheet metal panel
- Molded to length
- Accessories such as Quick- Connect Tabs and Jumpers available
- Wire-to-wire termination:
 - .374 (9.5) centerline:
Up to 30 positions
 - .433 (11.0) centerline:
Up to 26 positions
 - .437 (11.1) centerline:
Up to 26 positions
 - .563 (14.3) centerline:
Up to 18 positions
- RoHS Compliant

BUCHANAN TERMINAL BLOCKS

DOUBLE-ROW, DUAL BARRIER STRIPS .374"/9.5mm (CONTINUED)



Material & Finish

- Insulator Body - UL94V-0, thermoplastic, black
- Terminals - Brass, tin plated
- Screw - #6-32 steel, nickel plated

Mechanical Properties

- Screw Torque - 12 in-lb

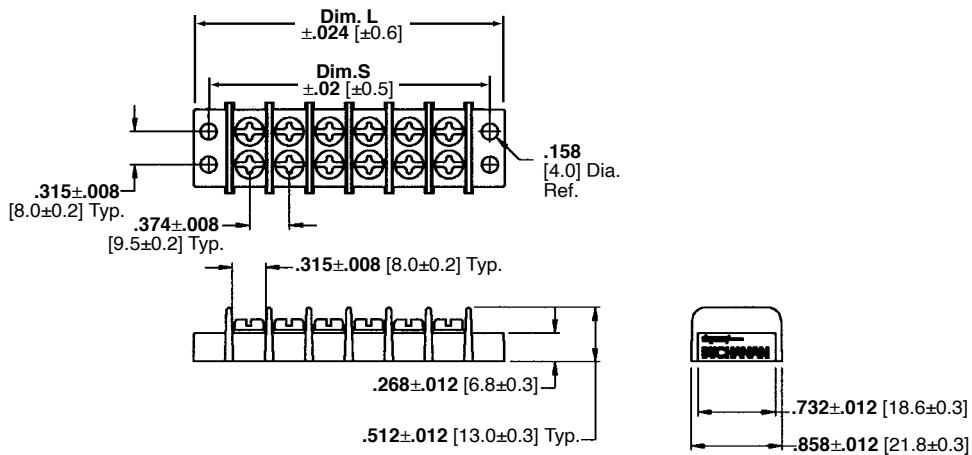
Electrical Properties

- Current Rating - 20 A, 300 VAC
- Wire Range - 12-22 AWG
- Withstanding Voltage - 2000 VAC min.

Environmental Properties

- Operating Temperature Range -
-40°F to +221°F (-40°C to +120°C)

Dimension [Unit: in]



BUCHANAN TERMINAL BLOCKS

DOUBLE-ROW, DUAL BARRIER STRIPS .374"/9.5mm (CONTINUED)

PRODUCT INFORMATION

No. of Positions	Dimensions		Part Numbers	
	L	S	w/Binding Head Screws	w/Wire Clamp Screws
2	1.42 (036.2)	1.13 (028.7)	1546306-2	1546307-2
3	1.80 (045.7)	1.50 (038.2)	1546306-3	-
4	2.17 (055.2)	1.88 (047.7)	1546306-4	1546307-4
5	2.55 (064.7)	2.25 (057.2)	1546306-5	1546307-5
6	2.92 (074.2)	2.63 (066.7)	1546306-6	1546307-6
7	3.30 (083.7)	3.00 (076.2)	1546306-7	-
8	3.67 (093.2)	3.37 (085.7)	1546306-8	1546307-8
9	4.05 (103.0)	3.75 (095.2)	1546306-9	-
10	4.41 (112.0)	4.13 (105.0)	1-1546306-0	1-1546307-0
11	4.80 (122.0)	4.49 (114.0)	1-1546306-1	-
12	5.16 (131.0)	4.88 (124.0)	1-1546306-2	1-1546307-2
14	5.91 (150.0)	5.63 (143.0)	1-1546306-4	1-1546307-4
15	6.30 (160.0)	5.98 (152.0)	1-1546306-5	-
16	6.65 (169.0)	6.38 (162.0)	1-1546306-6	-
18	7.40 (188.0)	7.13 (181.0)	1-1546306-8	-
20	8.15 (207.0)	7.87 (200.0)	2-1546306-0	-
21	8.54 (217.0)	8.23 (209.0)	2-1546306-1	2-1546307-1
22	8.90 (226.0)	8.62 (219.0)	-	2-1546307-2
23	9.29 (236.0)	8.98 (228.0)	-	2-1546307-3
24	9.65 (245.0)	9.37 (238.0)	2-1546306-4	2-1546307-4
25	10.04 (255.0)	9.72 (247.0)	2-1546306-5	2-1546307-5
26	10.39 (264.0)	10.12 (257.0)	2-1546306-6	2-1546307-6
27	10.79 (274.0)	10.47 (266.0)	-	2-1546307-7
28	11.14 (283.0)	10.87 (276.0)	-	2-1546307-8
29	11.54 (293.0)	11.22 (285.0)	-	2-1546307-9
30	11.89 (302.0)	11.61 (295.0)	3-1546306-0	3-1546307-0

BUCHANAN TERMINAL BLOCKS

DOUBLE-ROW, DUAL BARRIER STRIPS .433"/11.0mm



Material & Finish

- Insulator Body - UL94V-0, thermoplastic, black
- Terminals - Brass, tin plated
- Screw - #6-32 steel, nickel plated

Mechanical Properties

- Screw Torque - 12 in-lb

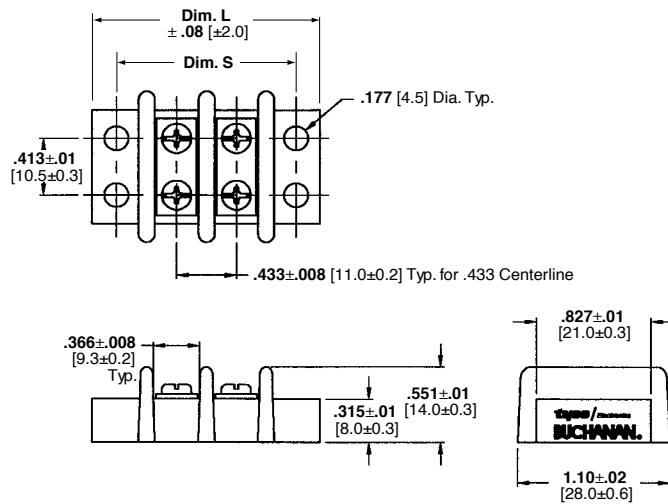
Electrical Properties

- Current Rating - 20 A, 300 VAC
- Wire Range - 14-22 AWG
- Withstanding Voltage - 2000 VAC min.

Environmental Properties

- Operating Temperature Range -
-40°F to +221°F (-40°C to +120°C)

Dimension [Unit: in]



PRODUCT INFORMATION

No. of Positions	Dimensions		Part Numbers
	L	S	w/Wire Clamp Screws
2	1.65 (41.8)	1.264 (32.1)	1546477-2
4	2.51 (63.8)	2.130 (54.1)	1546477-4
5	2.94 (74.8)	2.563 (65.1)	1546477-5
10	5.11 (129.8)	4.728 (120.1)	1-1546477-0
11	5.54 (140.8)	5.161 (131.1)	1-1546477-1

BUCHANAN TERMINAL BLOCKS

DOUBLE-ROW, DUAL BARRIER STRIPS .437"/11.1mm



Material & Finish

- Insulator Body - UL94V-0, thermoplastic, black
- Terminals - Brass, tin plated
- Screw - #6-32 steel, nickel plated

Mechanical Properties

- Screw Torque - 12 in-lb

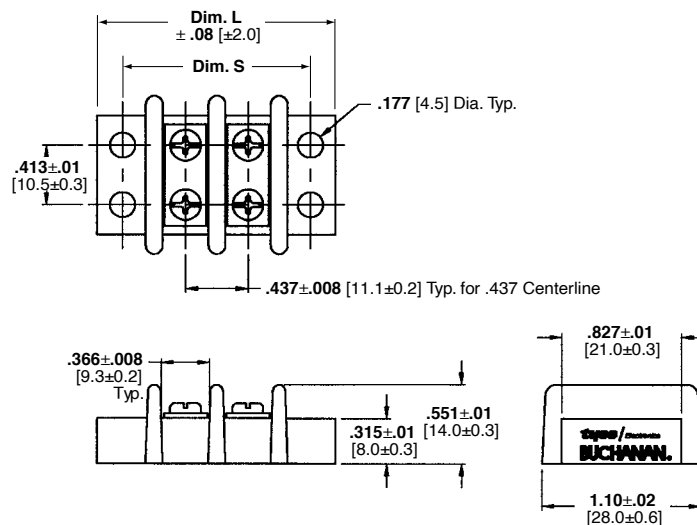
Electrical Properties

- Current Rating - 20 A, 300 VAC
- Wire Range - 12-22 AWG
- Withstanding Voltage - 2000 VAC min.

Environmental Properties

- Operating Temperature Range -
-40°F to +221°F (-40°C to +120°C)

Dimension [Unit: in(mm)]



BUCHANAN TERMINAL BLOCKS

PRODUCT INFORMATION

No. of Positions	Dimensions		Part Numbers	
	L	S	w/Binding Head Screws	w/Wire Clamp Screws
2	1.62 (41.2)	1.264 (32.1)	1546670-2	1546671-2
3	2.06 (52.3)	1.697 (43.1)	1546670-3	1546671-3
4	2.50 (63.4)	2.130 (54.1)	1546670-4	1546671-4
5	2.93 (74.5)	2.563 (65.1)	1546670-5	-
6	3.37 (85.6)	2.996 (76.1)	1546670-6	1546671-6
7	3.81 (96.7)	3.429 (87.1)	-	1546671-7
10	5.12 (130.0)	4.728 (120.1)	1-1546670-0	1-1546671-0
12	5.99 (152.2)	5.594 (142.1)	1-1546670-2	1-1546671-2
14	6.87 (174.4)	6.461 (164.1)	1-1546670-4	-
15	7.30 (185.5)	6.894 (175.1)	-	1-1546671-5
16	7.74 (196.6)	7.327 (186.1)	1-1546670-6	1-1546671-6
18	8.61 (218.8)	8.193 (208.1)	1-1546670-8	1-1546671-8
20	9.49 (241.0)	9.059 (230.1)	-	2-1546671-0

BUCHANAN TERMINAL BLOCKS

DOUBLE-ROW, DUAL BARRIER STRIPS .563"/14.3mm



Material & Finish

- Insulator Body - UL94V-0, thermoplastic, black
- Terminals - Brass, tin plated
- Screw - M4.0 steel, nickel plated

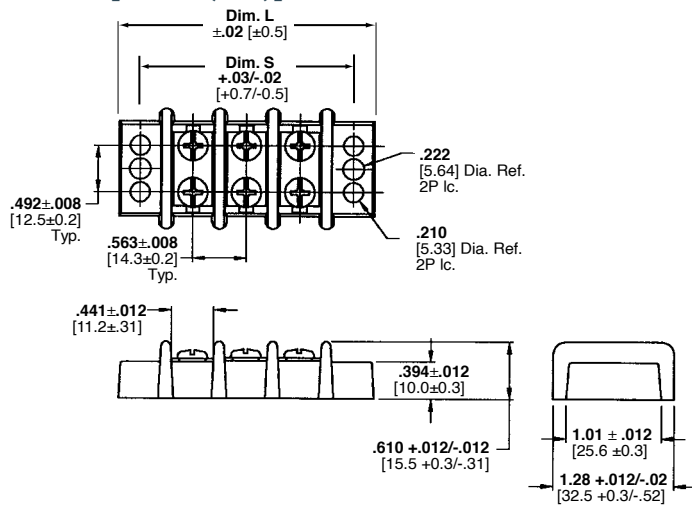
Mechanical Properties

- Screw Torque - 16 in-lb

Electrical Properties

- Current Rating - 30 A, 300 VAC
- Wire Range - 10-22 AWG
- Withstanding Voltage - 2000 VAC min.

Dimension [Unit: in(mm)]



Environmental Properties

- Operating Temperature Range -
-40°F to +284°F (-40°C to +140°C)

PRODUCT INFORMATION

No. of Positions	Dimensions		Part Numbers	
	L	S	w/Wire Clamp Screws	w/Binding Head Screws
2	2.13 (54.0)	1.69 (42.9)	1546311-2	1546310-2
3	2.69 (68.3)	2.25 (57.2)	-	1546310-3
4	3.25 (82.6)	2.81 (71.5)	1546311-4	1546310-4
5	3.81 (96.9)	3.38 (85.8)	1546311-5	1546310-5
6	4.38 (111.2)	3.94 (100.1)	1546311-6	1546310-6
7	4.94 (125.5)	4.50 (114.4)	-	1546310-7
8	5.50 (139.8)	5.07 (128.7)	-	1546310-8
9	6.08 (154.1)	5.63 (143.0)	-	1546310-9
10	6.63 (168.4)	6.19 (157.3)	-	1-1546310-0
12	7.75 (197.0)	7.32 (185.9)	-	1-1546310-2
14	8.88 (225.6)	8.44 (214.5)	-	1-1546310-4
15	9.44 (239.9)	9.01 (228.8)	-	1-1546310-5
18	11.13 (282.8)	10.70 (271.7)	-	1-1546310-8

BUCHANAN TERMINAL BLOCKS

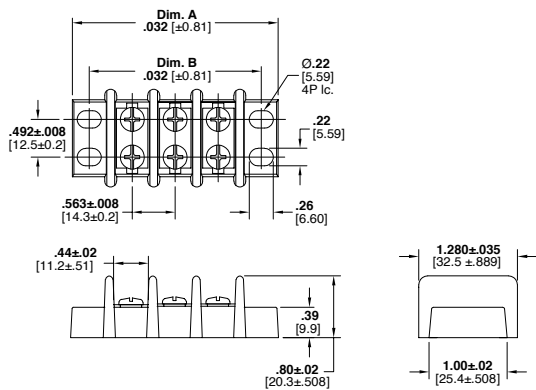
DOUBLE-ROW, DUAL BARRIER STRIPS .563"/14.3mm W/O WASHER



Material & Finish

- Insulator Body - UL94V-0, thermoplastic, black
- Terminals - Brass, tin plated
- Screw - M4.0 steel, nickel plated

Dimension [Unit: in(mm)]



Mechanical Properties

- Screw Torque - 14 in-lb

Electrical Properties

- Current Rating - 30 A, 600 VAC
- Wire Range - 10-22 AWG
- Withstanding Voltage - 2000 VAC min.

Environmental Properties

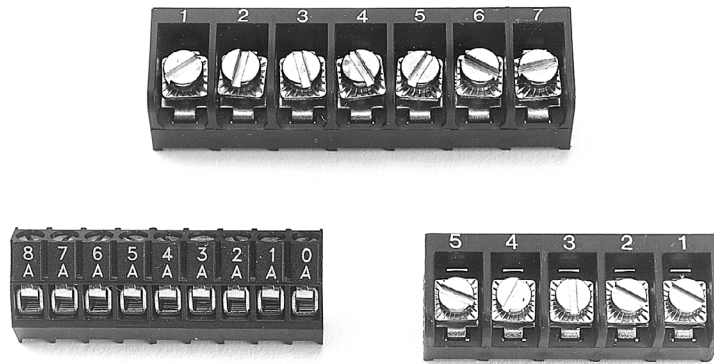
- Operating Temperature Range -
-40°F to +120°F (-40°C to +49°C)

PRODUCT INFORMATION

No. of Positions	Dimensions		Part Numbers	
	L	S	w/Wire Clamp Screws	w/Binding Head Screws
2	2.13 (54.0)	1.69 (42.9)	-	1986158-2
3	2.69 (68.3)	2.25 (57.2)	1776544-3	1986158-3
4	3.25 (82.6)	2.81 (71.5)	1776544-4	1986158-4
5	3.81 (96.9)	3.38 (85.8)	1776544-5	1986158-5
6	4.38 (111.2)	3.94 (100.1)	1776544-6	1986158-6
7	4.94 (125.5)	4.50 (114.4)	1776544-7	1986158-7
8	5.50 (139.8)	5.07 (128.7)	1776544-8	1986158-8
10	6.63 (168.4)	6.19 (157.3)	1-176544-0	1-1986158-0
12	7.75 (197.0)	7.32 (185.9)	1-176544-2	1-1986158-2
13	8.32 (211.3)	7.88 (200.2)	1-176544-3	-
14	8.88 (225.6)	8.44 (214.5)	-	1-1986158-4
15	9.44 (239.9)	9.01 (228.8)	1-176544-5	1-1986158-5
16	10.02 (254.5)	9.57 (243.1)	1-176544-6	-
17	10.57 (268.5)	10.13 (257.4)	1-176544-7	1-1986158-7
18	11.13 (282.8)	10.70 (271.7)	1-176544-8	1-1986158-8

BUCHANAN TERMINAL BLOCKS

ACCESSORIES - STANDARD AND CUSTOM LEGENDS



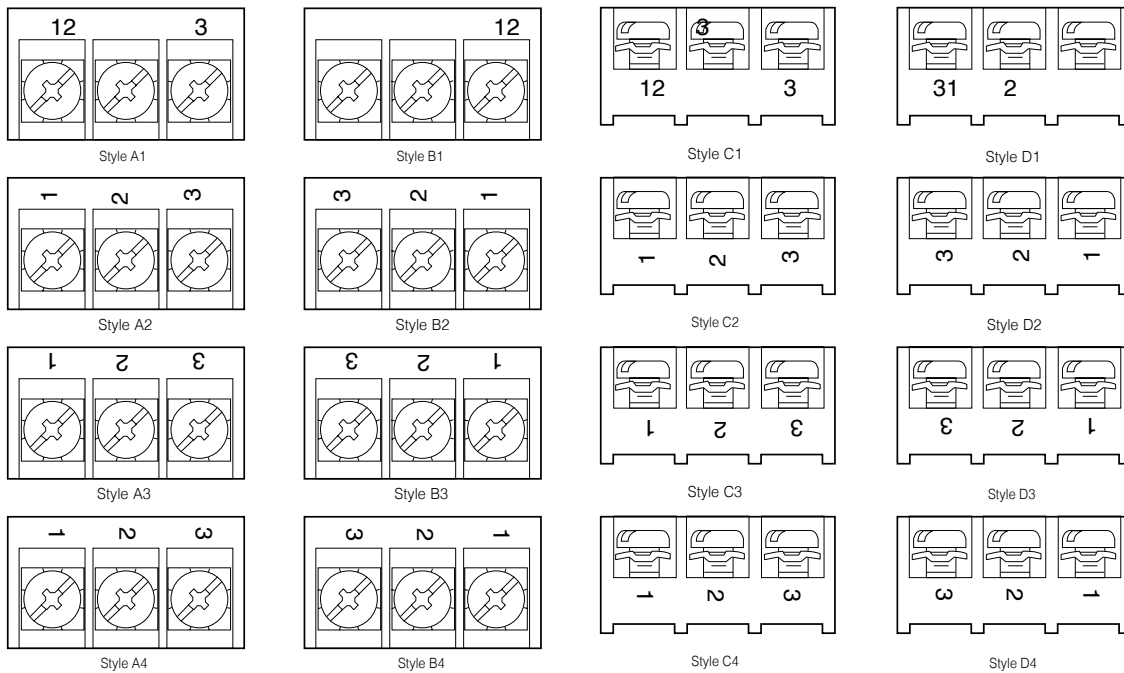
INTRODUCTION

Custom legending can lend a personal touch to your product helps in circuit identification and makes wiring faster and easier. Alphabetical and numerical markings are available in either standard or custom styles to best suit your specific applications. Legending is available to the styles depicted below.

PRODUCT FACTS

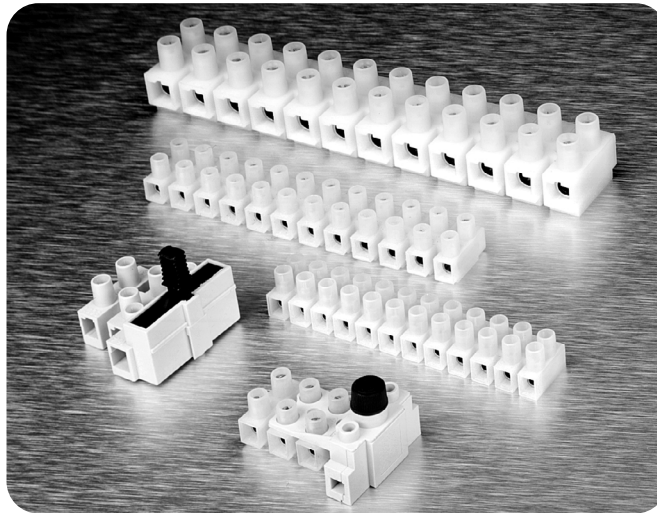
- Permanent markings, impervious to cleaning solvents per MIL-STD 202, Method 215
- Alphabetical and numerical legending
- Numbers and characters can be in any order
- Size and spacing of characters may be tailored to your application
- White markings standard
- Custom legends available on special request

Standard Legending Arrangements



BUCHANAN TERMINAL BLOCKS

EUROPA BLOCKS



INTRODUCTION

TE Connectivity offers the most extensive line of Europa products in five pitches:

- 8mm (0.315)
- 10mm (0.394)
- 12mm (0.472)
- 13.5mm (0.531)
- 14.5mm (0.571)

Two connection styles are available. The Wire Protector version supplies a plate to shield the wire from being cut by the screw. The Tunnel connection is the same design, but without the shielding plate – it is ideal for solid wire or where the most economical price is required.

PRODUCT FACTS

- Modular design - cut into smaller sections without altering **electrical properties** or order product molded to length. Mounting holes between every circuit.
- Tubular contacts - connect stripped, unterminated solid or stranded wire directly to each contact - no wire lugs needed.
- High voltage and current ratings - rated up to 600 volts and up to 65 amps depending on model and wire size used.
- Broad Wire Range - use wire from #6 to #26 AWG, depending on model selected.
- Wire protectors - all models available with wire protectors to virtually eliminate twisting and breakage of stranded wire during connection.
- High circuit density - five models provide from 21 to 38 circuits per foot.
- “Dead-front” construction - both screws and tubular contacts are recessed in housing for safety and to help prevent short circuits.
- Captive screws - zinc with chromate plated steel screws are captive in tin plated brass contacts. They are supplied “backed-out” and ready to wire.
- Flammability rating of UL94V-2 is standard. High Temperature versions with UL94V-0 are available.
- Wire stop available on some versions.

APPLICATIONS



- Motor Controls
- Power Supplies
- Telecom
- Valve Actuators
- Spa Controllers
- Lighting

BUCHANAN TERMINAL BLOCKS

EUROPA TERMINAL BLOCKS

EUROPA SELECTOR CHART

PANEL MOUNTED MODULAR BLOCKS

							
Series	TSB230	TSB230...HT	TSB500	TSB500...HT	TSB500SK	500Si	503Si
Pitch (mm) (in)	8mm .315"	8mm .315"	10mm .394"	10mm .394"	10mm .394"	10, 12mm .394", .472"	10mm .394"
Circuits	1-12	1-12	1-12	1-12	1-12	1	1-5
Max Current Wire protector Tunnel connection	30A 30A	30A -	30A 40A	30A -	30A 30A	- 10A	10A 10A
Max Voltage	250V	250V	250V	250V	600V	250V	250V
Wire Range (AWG) Wire protector Tunnel connection	12-26 12-24	12-26 -	10-24 10-22	12-24	12-24 10-22	- 12-22	12-22 12-22
Flammability	UL94V-2	UL94V-0	UL94V-2	UL94V-0	UL94V-2	UL94V-2	UL94V-2
Max. Temp.	100° C	150° C	100° C	150° C	100° C	100° C	100° C
Page	246, 247	248	249	-	-	258	251





TSB230 Part Numbers

1-1776293-0	1-1776294-2	1-1776295-2	1776321-2
1-1776293-1	1776294-1	1-1776295-3	1776321-4
1-1776293-2	1776294-2	1776295-2	1776321-6
1776293-1	1776294-3	1776295-3	
1776293-2	1776294-4	1776295-4	
1776293-3	1776294-5	1776295-5	
1776293-4	1776294-8	1776295-6	
1776293-5		1776295-8	
1776293-6		1776295-9	
1776293-7			
1776293-8			

BUCHANAN TERMINAL BLOCKS

EUROPA SELECTOR CHART (CONTINUED)

PANEL MOUNTED MODULAR BLOCKS

							
Series	TSB1000	TSB1000... HT	1003Si	TSB1500	TSB2000	TSB2000... HT	TSB2000... US
Pitch (mm) (in)	12mm .472"	12mm .472"	7/12mm .275-.472"	13.5mm .532"	14.5mm .571"	14.5mm .571"	14.5mm .571"
Circuits	1-12	1-12	1-5	1-12	1-12	1-12	1-12
Max Current Wire protector Tunnel connection	40A 40A	40A -	16A 16A	40A 40A	65A 65A	65A 65A	65A 65A
Max Voltage	250V	250V	250V	300V	300V	300V	600V
Wire Range (AWG) Wire protector Tunnel connection	10-12 8-22	10-24 -	10-24 8-22	8-18 8-16	6-14 6-14	6-14 6-14	6-14 6-14
Flammability	UL94V-2	UL94V-0	UL94V-2	UL94V-2	UL94V-2	UL94V-0	UL94V-2
Max. Temp.	100° C	150° C	100° C	100° C	100° C	150° C	100° C
Page	253, 254	254	-	255	256	-	257

BUCHANAN TERMINAL BLOCKS

CATALOG NUMBERING CODE

EUROPA BLOCKS

TSB

Series
Europa Blocks

230

Pitch
230 = 8mm
500 = 10mm
500SK = 10mm, Elongated
1000 = 12mm
1500 = 13.5mm
2000 = 14.5mm

02

No. of Circuits
01 through 12

SUFFIX

Connection

(blank) = Tunnel Connection (w/o Wire Protector)
DS = Wire Protector
31 = Tunnel Connection for Series TSB500
31DS = Wire Protector for Series TSB500

SUFFIX

Options

(blank) = Standard (105°)
HT = High Temperature (150°)
US = 600V

Fused Europa Blocks

230

Pitch
503Si = 10mm
1003Si = 12mm

02

No. of Circuits
01 through 5

SUFFIX

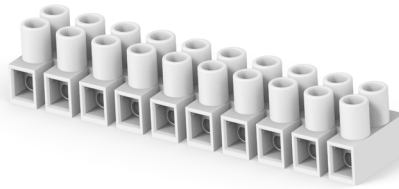
Options

(blank) = Tunnel Connection (w/o Wire Protector)
DS = Wire Protector
E = Grounded
EDS = Grounded Wire Protector

Note: Some catalog number combinations are not valid. Check appropriate catalog pages before ordering.

BUCHANAN TERMINAL BLOCKS

TSB230 SERIES / EUROPA, WITH WIRE PROTECTOR -.315"/8mm



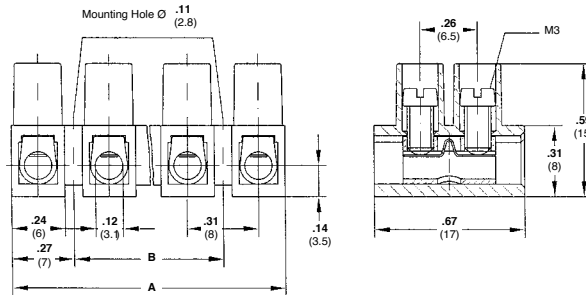
Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel

Environmental Properties

- Continuous Working Temperature - -35°C to +100°C (-31°F to +212°F)

Dimension [Unit: in(mm)]



Mechanical Properties

- Pitch (Terminal Spacing) - 8mm (0.315")
- Wire Strip Length - 5mm (0.20")
- Min. Wire Pull-Out Force - 75lbs.
- Recommended Tightening Torque - 5 in-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

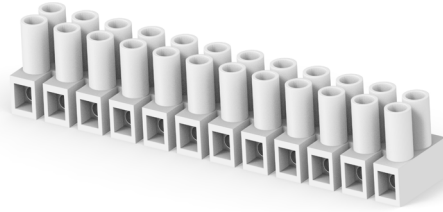
- Maximum Current - 30A
- Operating Voltage - 250V
- Wire Range - 12-26 AWG
- Dielectric Withstand - 3000V

PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Wire Protector	
	A	B	Part Number	Catalog Number
1	6 (0.24)	-	1776293-1	TSB230 01DS
2	14.0 (0.55)	-	1776293-2	TSB230 02DS
3	22 (0.87)	8 (0.31)	1776293-3	TSB230 03DS
4	30 (1.18)	16 (0.63)	1776293-4	TSB230 04DS
5	38 (1.50)	24 (0.94)	1776293-5	TSB230 05DS
6	46 (1.81)	32 (1.26)	1776293-6	TSB230 06DS
7	54 (2.13)	40 (1.57)	1776293-7	TSB230 07DS
8	62 (2.44)	48 (1.89)	1776293-8	TSB230 08DS
10	78 (3.07)	64 (2.52)	1-1776293-0	TSB230 10DS
11	86 (3.39)	72 (2.83)	1-1776293-1	TSB230 11DS
12	94 (3.70)	80 (3.15)	1-1776293-2	TSB230 12DS

BUCHANAN TERMINAL BLOCKS

TSB230 SERIES / EUROPA, WITH TUNNEL CONNECTION -.315"/8mm



Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3
- Screw Plating - Zinc with chromate

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

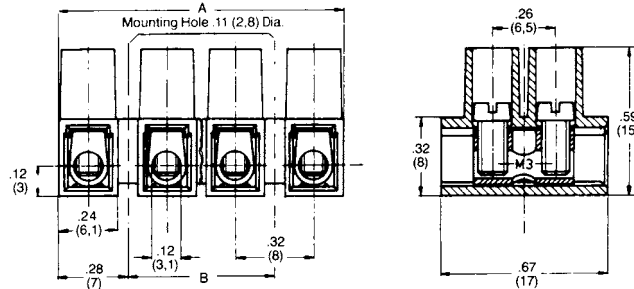
Mechanical Properties

- Pitch (Terminal Spacing) - 8mm (0.315")
- Wire Strip Length - 5mm (0.20")
- Min. Wire Pull-Out Force - 75lbs.
- Recommended Tightening Torque - 5 in.-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

- Maximum Current - 30A
- Operating Voltage - 250V
- Wire Range - 12-24 AWG
- Dielectric Withstand - 3000V

Dimension [Unit: in(mm)]

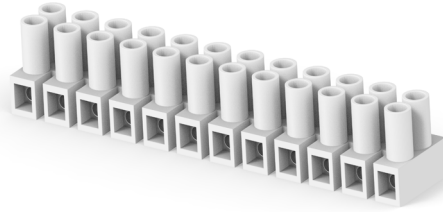


PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Tunnel Connection	
	A	B	Part Number	Catalog Number
1	6 (0.24)	-	1776294-1	TSB230 01
2	14.0 (0.55)	-	1776294-2	TSB230 02
3	22 (0.87)	8 (0.31)	1776294-3	TSB230 03
4	30 (1.18)	16 (0.63)	1776294-4	TSB230 04
5	38 (1.50)	24 (0.94)	1776294-5	TSB230 05
7	54 (2.13)	40 (1.57)	1776294-7	TSB230 07
8	62 (2.44)	48 (1.89)	1776294-8	TSB230 08
12	94 (3.70)	80 (3.15)	1-1776294-2	TSB230 12

BUCHANAN TERMINAL BLOCKS

TSB230 SERIES / EUROPA, HIGH TEMPERATURE -.315"/8mm



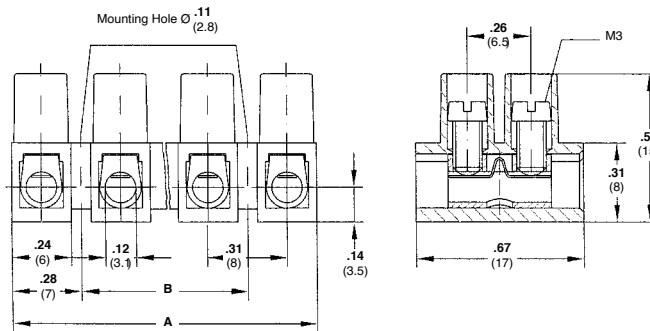
Material & Finish

- Housing Material - Polyamide 6/6
- Flammability - UL94V-2
- Housing Color - Brown
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel

Environmental Properties

- Continuous Working Temperature -
-35°C to +150°C (-31°F to +302°F)

Dimension [Unit: in(mm)]



Mechanical Properties

- Pitch (Terminal Spacing) - 8mm (0.315")
- Wire Strip Length - 5mm (0.20")
- Min. Wire Pull-Out Force - 75lbs.
- Recommended Tightening Torque - 5 in.-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

- Maximum Current - 30A
- Operating Voltage - 250V
- Wire Range - 12-26 AWG
- Dielectric Withstand - 3000V

PRODUCT INFORMATION

No. of Positions	Dimensions mm(in)		Wire Protector	
	A	B	Part Number	Catalog Number
2	14.0 (0.55)	-	1776293-2	TSB230 02DS
3	22 (0.87)	8 (0.31)	1776293-3	TSB230 03DS
4	30 (1.18)	16 (0.63)	1776293-4	TSB230 04DS
5	38 (1.50)	24 (0.94)	1776293-5	TSB230 05DS
6	46 (1.81)	32 (1.26)	1776293-6	TSB230 06DS
8	62 (2.44)	48 (1.89)	1776293-8	TSB230 08DS
9	70 (2.76)	56 (2.20)	1776293-9	TSB230 09DS
10	78 (3.07)	64 (2.52)	1-1776293-0	TSB230 10DS
12	94 (3.70)	80 (3.15)	1-1776293-2	TSB230 12DS

Note: Minimum order quantities may apply.

BUCHANAN TERMINAL BLOCKS

TSB500 SERIES / EUROPA, WITH WIRE PROTECTOR $-.394''/10\text{mm}$



Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Housing Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel

Environmental Properties

- Continuous Working Temperature - -35°C to $+100^{\circ}\text{C}$ (-31°F to $+212^{\circ}\text{F}$)

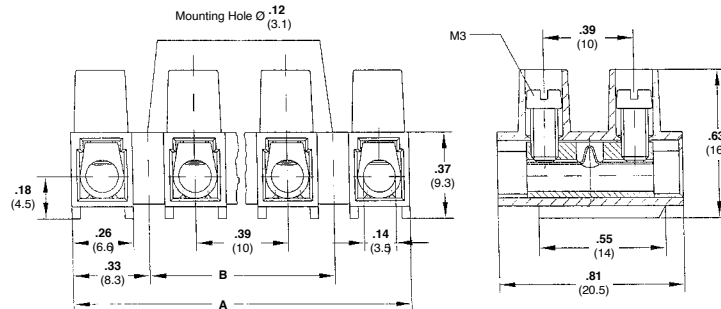
Mechanical Properties

- Pitch (Terminal Spacing) - 10mm (0.394)
- Wire Strip Length - 5mm (0.20")
- Min. Wire Pull-Out Force - 75lbs.
- Recommended Tightening Torque - 5 in-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

- UL Maximum Current - 30A; 10-22 AWG
- CSA Maximum Current - 25A; 12-24 AWG
- Operating Voltage - 250V
- Dielectric Withstand - 3500V

Dimension [Unit: in(mm)]

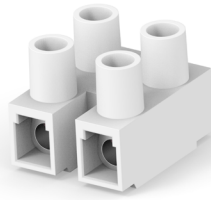


PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Wire Protector	
	A	B	Part Number	Catalog Number
2	14.0 (0.55)	-	1776295-2	TSB230 02DS HT
3	22 (0.87)	8 (0.31)	1776295-3	TSB230 03DS HT
4	30 (1.18)	16 (0.63)	1776295-4	TSB230 04DS HT
5	38 (1.50)	24 (0.94)	1776295-5	TSB230 05DS HT
6	46 (1.81)	32 (1.26)	1776295-6	TSB230 06DS HT
8	62 (2.44)	48 (1.89)	1776295-8	TSB230 08DS HT
9	70 (2.76)	56 (2.20)	1776295-9	TSB230 09DS HT
12	94 (3.70)	80 (3.15)	1-1776295-2	TSB230 12DS HT

BUCHANAN TERMINAL BLOCKS

TSB500 SERIES / EUROPA, WITH TUNNEL CONNECTION -.394"/10mm



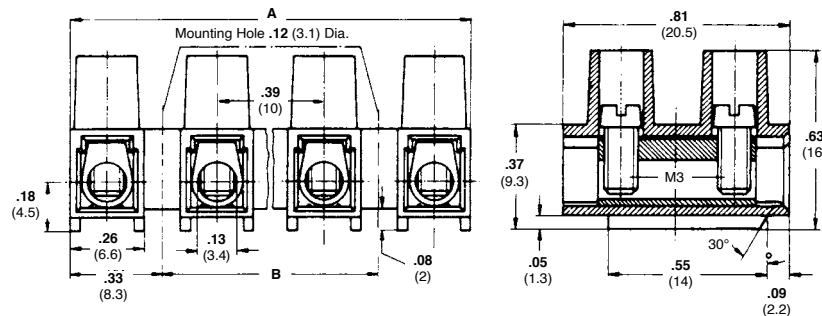
Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3
- Screw Plating - Zinc with chromate

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

Dimension [Unit: in(mm)]



Mechanical Properties

- Pitch (Terminal Spacing) - 10mm (0.394)
- Wire Strip Length - 5mm (0.20")
- Min. Wire Pull-Out Force - 75lbs.
- Recommended Tightening Torque - 5 in.-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

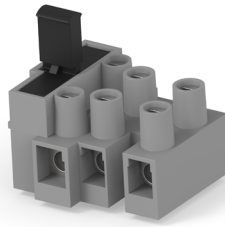
- Maximum Current - 30A
- Operating Voltage - 250V
- Wire Range - 10-22 AWG
- Dielectric Withstand - 3500V

PRODUCT INFORMATION

No. of Positions	Dimensions : mm(in)		Tunnel Connection	
	A	B	Part Number	Catalog Number
1	6.6 (.26)	—	1776296-1	TSB500 0131DS
2	16.6 (.65)	—	1776296-2	TSB500 0231DS
3	26.6 (1.05)	10 (.39)	1776296-3	TSB500 0331DS
4	36.6 (1.44)	20 (.79)	1776296-4	TSB500 0431DS
5	46.6 (1.83)	30 (1.18)	1776296-5	TSB500 0531DS
6	56.6 (2.23)	40 (1.57)	1776296-6	TSB500 0631DS
7	66.6 (2.62)	50 (1.97)	1776296-7	TSB500 0731DS
8	76.6 (3.02)	60 (2.36)	1776296-8	TSB500 0831DS
9	86.6 (3.41)	70 (2.76)	1776296-9	TSB500 0931DS
10	96.6 (3.80)	80 (3.15)	1-1776296-0	TSB500 1031DS
12	116.6 (4.59)	100 (3.94)	1-1776296-2	TSB500 1231DS

BUCHANAN TERMINAL BLOCKS

TSB50Si SERIES / EUROPA, WITH FUSED TERMINAL BLOCKS -.394"/10mm



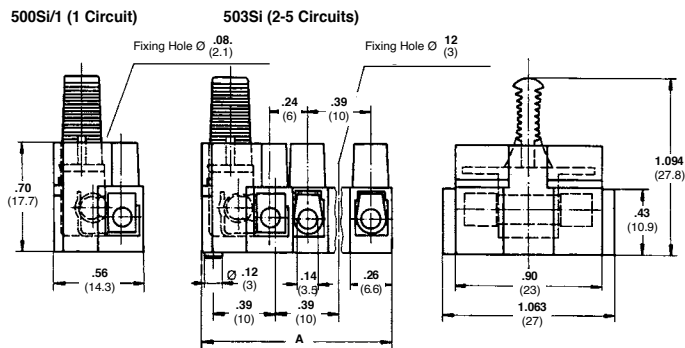
Material & Finish

- Housing Material - Polyamide 6/6
- Color - Gray, handle is black
- Tubular Contact - Brass, tin plated
- Screw - Steel
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel
- Contacts for Fuses - Stainless steel spring
- Tunnel Connection - Without wire protector

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

Dimension [Unit: in(mm)]



Mechanical Properties

- Pitch (Terminal Spacing) - 10mm (0.394)
- Wire Strip Length - 7mm (0.276")

Electrical Properties

- Maximum Current -
To VDE 820-Fuse Holder 10A
To VDE 0100-Terminal Blocks 26A
To VDE 0700/0711-Terminal Blocks 10A
- Operating Voltage -
Fuse Holder-250V
Terminal Blocks-400V
- Wire Range -
Wire Protector-12-22 AWG
Tunnel Connection-12-22 AWG

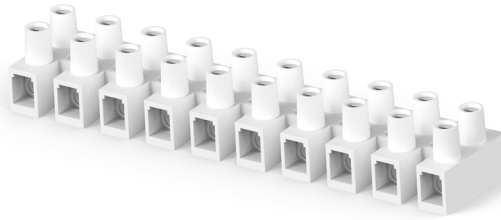
Series 503Si & 503Si...DS version of TSB500 Series with an integrated fuse holder for 5 x 20mm (0.197 x .787) fuses. Protection against unintentional touch of live parts to VBG4 and VDE 0106, part 100 and VDE 0470, part 1. Series 503Si...E & 503Si...EDS include a ground connection.

PRODUCT INFORMATION

No. of Positions	Dimension A mm(in)	Tunnel Connection		Wire Protector		Tunnel Connection Grounded		Wire Protector Grounded	
		Part Number	Catalog Number	Part Number	Catalog Number	Part Number	Catalog Number	Part Number	Catalog Number
1	14.3 (0.56)	1776301-1	503Si 1	1776301-6	503Si 1DS	-	-	-	-
3	30 (1.18)	-	503Si 3	1776301-8	503Si 3DS	-	503Si 3E	2-1776301-3	503Si 3EDS
4	40 (1.58)	-	503Si 4	1776301-9	503Si 4DS	1-1776301-4	503Si 4E	-	503Si 4EDS
5	50 (1.97)	-	503Si 5	1-1776301-0	503Si 5DS	-	503Si 5E	-	503Si 5EDS

BUCHANAN TERMINAL BLOCKS

TSB1000 SERIES / EUROPA, WITH WIRE PROTECTOR -.472"/12mm



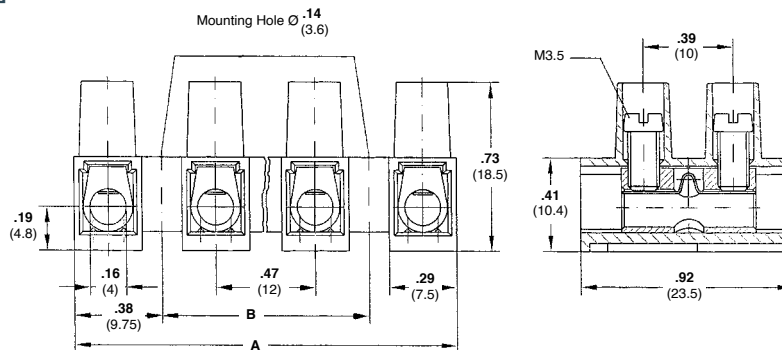
Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Housing Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3.5
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

Dimension [Unit: in(mm)]



Mechanical Properties

- Pitch (Terminal Spacing) - 12mm (0.472")
- Wire Strip Length - 7mm (0.28")
- Min. Wire Pull-Out Force - 125lbs.
- Recommended Tightening Torque - 10 in.-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

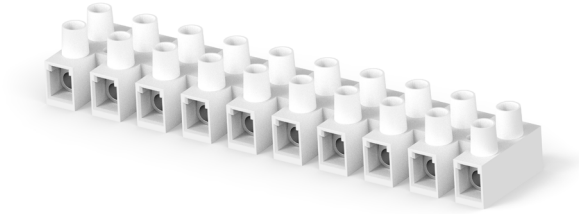
- Maximum Current - 40A
- Operating Voltage - 250V
- Wire Range - 10-22 AWG
- Dielectric Withstand - 4500V

PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Wire Protector	
	A	B	Part Number	Catalog Number
1	7.5 (0.30)	-	1776302-1	TSB1000 01DS
2	19.5 (0.77)	-	1776302-2	TSB1000 02DS
3	31.5 (1.24)	12 (0.47)	1776302-3	TSB1000 03DS
4	43.5 (1.71)	24 (0.95)	1776302-4	TSB1000 04DS
5	55.5 (2.19)	36 (1.42)	1776302-5	TSB1000 05DS
6	67.5 (2.66)	48 (1.89)	1776302-6	TSB1000 06DS
7	79.5 (3.13)	60 (2.36)	1776302-7	TSB1000 07DS
8	91.5 (3.60)	72 (2.83)	1776302-8	TSB1000 08DS
9	103.5 (4.07)	84 (3.31)	1776302-9	TSB1000 09DS
10	115.5 (4.55)	96 (3.78)	1-1776302-0	TSB1000 10DS
12	139.5 (5.49)	120 (4.72)	1-1776302-2	TSB1000 12DS

BUCHANAN TERMINAL BLOCKS

TSB1000 SERIES / EUROPA, WITH TUNNEL CONNECTION -.472"/12mm



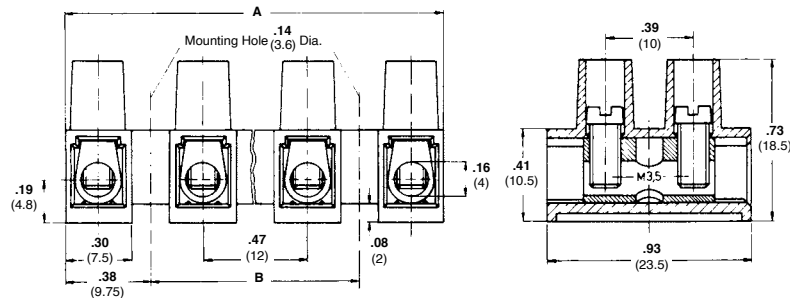
Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3.5
- Screw Plating - Zinc with chromate

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

Dimension [Unit: in(mm)]



Mechanical Properties

- Pitch (Terminal Spacing) - 12mm (0.472")
- Wire Strip Length - 7mm (0.28")
- Min. Wire Pull-Out Force - 125lbs.
- Recommended Tightening Torque - 10 in.-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

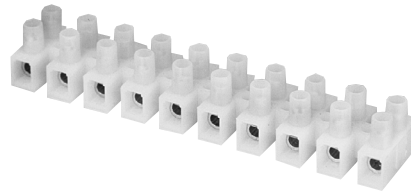
- Maximum Current - 50A
- Operating Voltage - 250V
- Wire Range - 8-22 AWG
- Dielectric Withstand - 4500V

PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Tunnel Connection	
	A	B	Part Number	Catalog Number
2	19.5 (0.77)	-	1776303-2	TSB1000 02
3	31.5 (1.24)	12 (0.47)	1776303-3	TSB1000 03
6	67.5 (2.66)	48 (1.89)	1776303-6	TSB1000 06
10	115.5 (4.55)	96 (3.78)	1-1776303-0	TSB1000 10

BUCHANAN TERMINAL BLOCKS

TSB1500 SERIES / EUROPA -.531"/13.5mm



Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel
- Tunnel Connection - Without wire protector

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

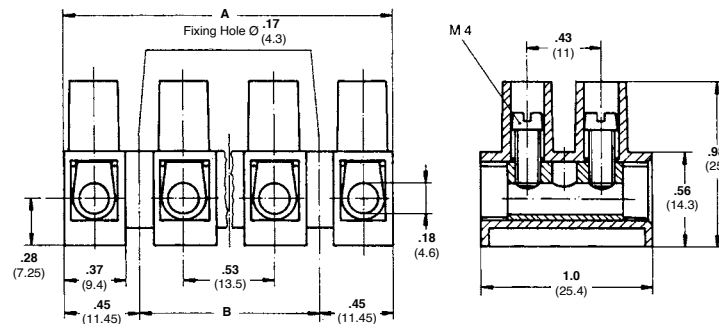
Mechanical Properties

- Pitch (Terminal Spacing) - 13.5mm (0.531")
- Wire Strip Length - 7mm (0.276")
- Recommended Tightening Torque - 10 in.-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

- Maximum Current - 40A (UR); 55A (CSA)
- Operating Voltage - 300V
- Wire Range -
Wire Protector- 8-18 AWG
Tunnel Connection- 8-16 AWG

Dimension [Unit: in(mm)]



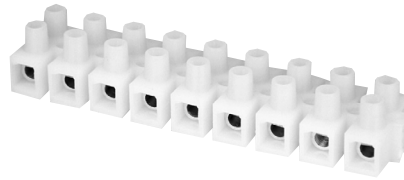
Tunnel Connection Version shown

PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Tunnel Connection		Wire Protector	
	A	B	Part Number	Catalog Number	Part Number	Catalog Number
2	22.9 (0.90)	-	1776310-2	TSB1500 02	1776311-2	TSB1500 02DS
4	49.9 (1.96)	27.0 (1.06)	1776310-4	TSB1500 04	-	TSB1500 04DS
8	103.9 (4.09)	81.0 (3.19)	-	TSB1500 08	1776311-8	TSB1500 08DS
12	157.9 (6.21)	135.0 (5.31)	-	TSB1500 12	1-1776311-2	TSB1500 12DS

BUCHANAN TERMINAL BLOCKS

TSB2000 SERIES / EUROPA - .571"/14.5mm



Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel
- Tunnel Connection - Without wire protector

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

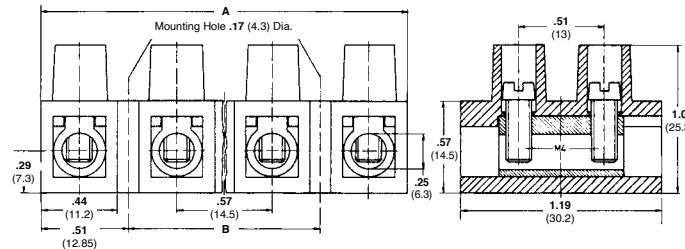
Mechanical Properties

- Pitch (Terminal Spacing) - 13.5mm (0.531")
- Wire Strip Length - 7mm (0.276")
- Recommended Tightening Torque - 10 in.-lbs.
- Recommended Screwdrivers - Stanley 1016, Sears Craftsman 41429, Xcelite R184

Electrical Properties

- Maximum Current - 40A (UR); 55A (CSA)
- Operating Voltage - 300V
- Wire Range -
Wire Protector- 8-18 AWG
Tunnel Connection- 8-16 AWG

Dimension [Unit: in(mm)]



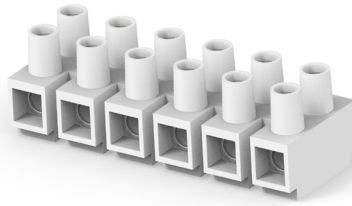
Tunnel Connection Version shown

PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Tunnel Connection		Wire Protector	
	A	B	Part Number	Catalog Number	Part Number	Catalog Number
1	11.2 (0.44)	-	-	TSB2000 01	1776313-1	TSB2000 01DS
2	25.7 (1.01)	-	1776312-2	TSB2000 02	1776313-2	TSB2000 02DS
3	40.2 (1.58)	14.5 (0.57)	-	TSB2000 03	1776313-3	TSB2000 03DS
4	54.7 (2.15)	29.0 (1.14)	-	TSB2000 04	1776313-4	TSB2000 04DS
5	69.2 (2.72)	43.5 (1.71)	1776312-5	TSB2000 05	1776313-5	TSB2000 05DS
6	83.7 (3.30)	58.0 (2.28)	-	TSB2000 06	1776313-6	TSB2000 06DS
8	112.7 (4.44)	87.0 (3.43)	-	TSB2000 08	1776313-8	TSB2000 08DS
10	141.7 (5.58)	116.0 (4.57)	-	TSB2000 10	1-1776313-0	TSB2000 10DS
12	170.7 (6.72)	145.0 (5.71)	-	TSB2000 12	1-1776313-2	TSB2000 12DS

BUCHANAN TERMINAL BLOCKS

TSB2000...US SERIES / EUROPA, HIGH VOLTAGE VERSION -.571"/14.5mm



Material & Finish

- Housing Material - Polyamide 6
- Flammability - UL94V-2
- Housing Color - Natural (off white)
- Tubular Contact - Brass, tin plated
- Screw - Steel, M3.5
- Screw Plating - Zinc with chromate
- Wire Protector - Stainless steel

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

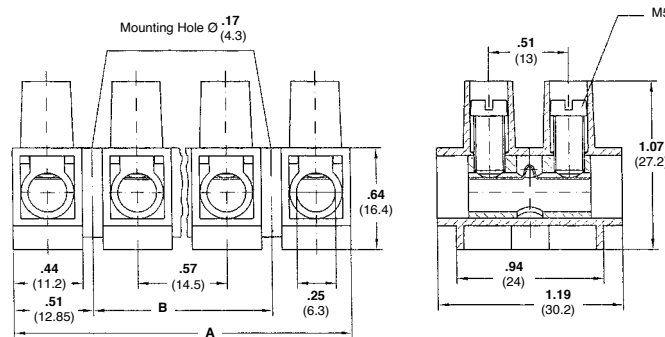
Mechanical Properties

- Pitch (Terminal Spacing) - 14.5mm (0.571")
- Wire Strip Length - 9mm (0.35")
- Min. Wire Pull-Out Force - 150 lbs.
- Recommended Tightening Torque - 12 in.-lbs.
- Recommended Screwdrivers - Stanley 1008, Sears Craftsman 41436, Xcelite R3164

Electrical Properties

- Maximum Current - 65A (UR), 70A (CSA)
- Operating Voltage - 600V
- Wire Range - 6-14 AWG, (UR), 6-22 AWG, (CSA)
- Dielectric Withstand - 6000V

Dimension [Unit: in(mm)]



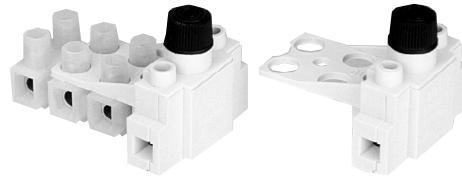
PRODUCT INFORMATION

No. of Positions	Dimensions: mm(in)		Wire Protector	
	A	B	Part Number	Catalog Number
3	40.2 (1.58)	14.5 (0.57)	1776315-3	TSB2000 03KDS
4	54.7 (2.15)	29.0 (1.14)	1776315-4	TSB2000 04KDS
6	83.7 (3.30)	58.0 (2.28)	1776315-6	TSB2000 06KDS
8	112.7 (4.44)	87.0 (3.43)	1776315-8	TSB2000 08KDS
10	141.7 (5.58)	116.0 (4.57)	1-1776315-0	TSB2000 10KDS
12	170.7 (6.72)	145.0 (5.71)	1-1776315-2	TSB2000 12KDS

BUCHANAN TERMINAL BLOCKS

EUROPA - TUBULAR SCREW BARRIER STRIPS - ACCESSORIES

SERIES 500SI - FUSE HOLDER (FOR SERIES TSB500, TSB1000)



Material & Finish

- Housing Material - Polyamide 6/6
- Color - Gray
- Tubular Contact - Brass, tin plated
- Screw - Steel
- Screw Plating - Zinc with chromate

Environmental Properties

- Continuous Working Temperature -
-35°C to +100°C (-31°F to +212°F)

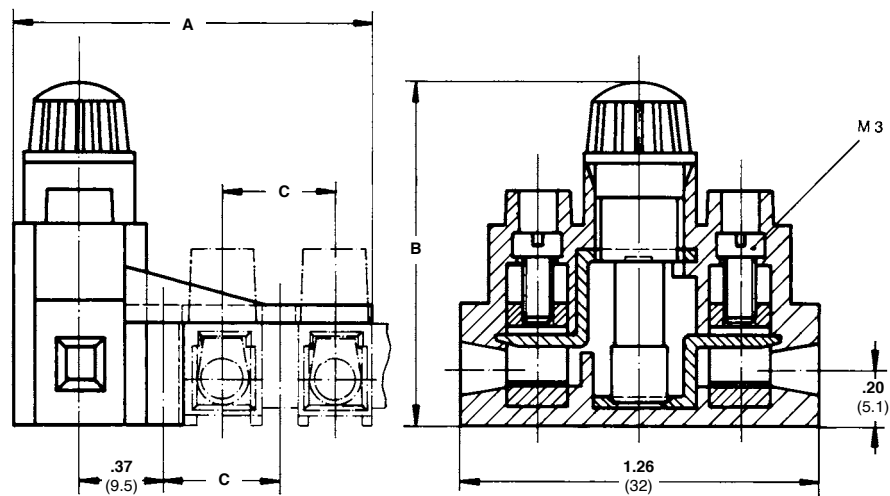
Mechanical Properties

- Pitch (Terminal Spacing) - 10mm (0.394) and 12mm (0.472)
- Wire Strip Length - 6.5mm (0.256)

Electrical Properties

- Maximum Current -
To VDE 0820 - 10A
To VDE 0700/0711 - 10A
- Operating Voltage - 250V
- Wire Range - 12-22 AWG

Dimension [Unit: in(mm)]



Series 500Si:

Two versions mate with TSB500 and TSB1000 to provide a fuse holder for 5 x 20mm (0.197 x .787) or 5mm x 25mm (0.197 x .984) fuses. These connectors comply with VDE 0820, part 2.

Series 500Si...K:

Same as the standard series but provides a raised, transparent "bayonet catch" which serves as a Fuse Link Carrier for fuses 5 x 25mm (0.197 x .984) (with indicator).

BUCHANAN TERMINAL BLOCKS

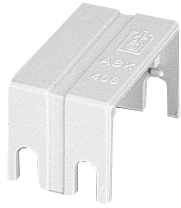
PRODUCT INFORMATION

Part Numbers	
TSB1000	TSB500
1776302-1	1776296-1
1776302-2	1776296-2
1776302-3	1776296-3
1776302-4	1776296-4
1776302-5	1776296-5
1776302-6	1776296-6
1776302-7	1776296-7
1776302-8	1776296-8
1776302-9	1776296-9
1-1776302-0	1-1776296-0
1-1776302-2	1-1776296-2
1776303-2	1776297-2
1776303-3	1776297-3
1776303-6	1776297-4
1-1776303-0	1776327-4
	1-1776327-2

Description	Dimensions: mm(in)			Catalog Number
	A	B	C	
For TSB500 Series	35 (1.378)	29 (1.142)	10 (0.394)	500Si 5
For TSB1000 Series	37 (1.457)	30 (1.181)	12 (0.472)	500Si 10
W/Fuse Link Carrier for TSB500 Series	35 (1.378)	34 (1.339)	10 (0.394)	500Si 5K
W/Fuse Link Carrier for TSB1000 Series	37 (1.457)	35 (1.378)	12 (0.472)	500Si 10K

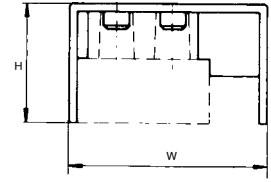
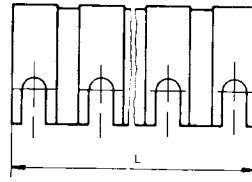
BUCHANAN TERMINAL BLOCKS

COVERS - SERIES ABK



Series ABK 405, 406, & 415 Covers

These covers mate with Series TSB500, TSB1000 and TSB1500. They do not mate with TSB500 SK.



Material & Finish

- Housing Material - Polyamide 6/6
- Color - Gray

Environmental Properties

- Continuous Working Temperature - 100°C (212°F)

COVER FOR TSB500 SERIES

Dimensions L x W x H	Catalog Number
18 x 29 x 18.8 (0.709 x 1.142 x .740)	ABK 405 02
28 x 29 x 18.8 (1.102 x 1.142 x .740)	ABK 405 03
38 x 29 x 18.8 (1.496 x 1.142 x .740)	ABK 405 04
58 x 29 x 18.8 (2.283 x 1.142 x .740)	ABK 405 06
118 x 29 x 18.8 (4.646 x 1.142 x .740)	ABK 405 12

COVER FOR TSB1000 SERIES

Dimensions L x W x H	Catalog Number
21 x 35.5 x 20.7 (0.827 x 1.398 x .815)	ABK 406 02
33 x 35.5 x 20.7 (1.299 x 1.398 x .815)	ABK 406 03
45 x 35.5 x 20.7 (1.772 x 1.398 x .815)	ABK 406 04
69 x 35.5 x 20.7 (2.717 x 1.398 x .815)	ABK 406 06
141 x 35.5 x 20.7 (5.551 x 1.398 x .815)	ABK 406 12

COVER FOR TSB1500 SERIES

Dimensions L x W x H	Catalog Number
24 x 37.5 x 25.5 (0.945 x 1.476 x 1.004)	ABK 415 02
37.5 x 37.5 x 25.5 (1.476 x 1.476 x 1.004)	ABK 415 03
51 x 37.5 x 25.5 (2.008 x 1.476 x 1.004)	ABK 415 04
78 x 37.5 x 25.5 (3.071 x 1.476 x 1.004)	ABK 415 06
158 x 37.5 x 25.5 (6.220 x 1.476 x 1.004)	ABK 415 12

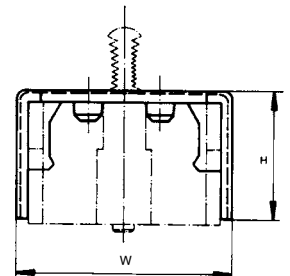
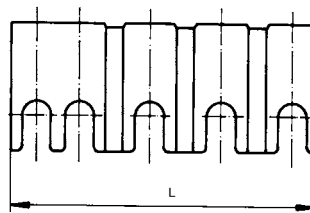
TSB1500 Part Numbers
1776310-2
1776310-4
1776311-2
1776311-8
1-1776311-2

SERIES ABK 503 COVERS

These covers mate with Series 503Si.

COVER FOR 503SI SERIES

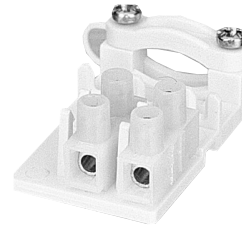
Dimensions L x W x H	Catalog Number
13.5 x 30.5 x 18.5 (0.531 x 1.201 x .728)	ABK 503 02
24 x 30.5 x 18.5 (0.945 x 1.201 x .728)	ABK 503 03
33.5 x 30.5 x 18.5 (1.319 x 1.201 x .728)	ABK 503 04
43 x 30.5 x 18.5 (1.693 x 1.201 x .728)	ABK 503 05



BUCHANAN TERMINAL BLOCKS

SERIES 500...ZEL - STRAIN RELIEF (FOR SERIES TSB500)

Strain reliefs are provided with a captive clamping mechanism that can be rotated by 180° accommodating variable sizes of conductors. Two Phillips screws are enclosed. A cable guide comb for TSB500 of 3 or more circuits fixes the Europa block to the strain relief. A screw mounts the Europa block to the 500 3ZEL; a catch pin mounts the block to the 500 3ZELRZ

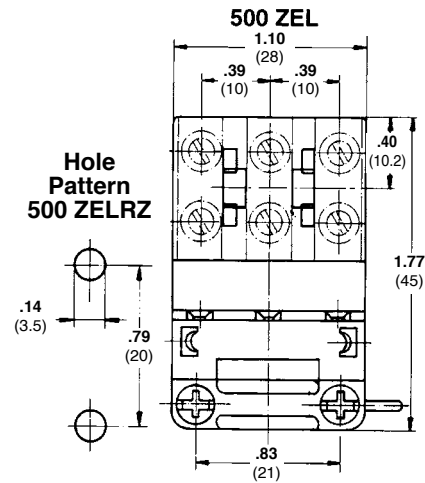


Material & Finish

- **Housing Material** - Polyamide 6/6
- **Color** - White
- **Tracking Resistance** - CTI 600
- **Screw** - Steel
- **Screw Plating** - Zinc with yellow chromate
C 2.9 x 13mm (0.114 x .512)

Environmental Properties

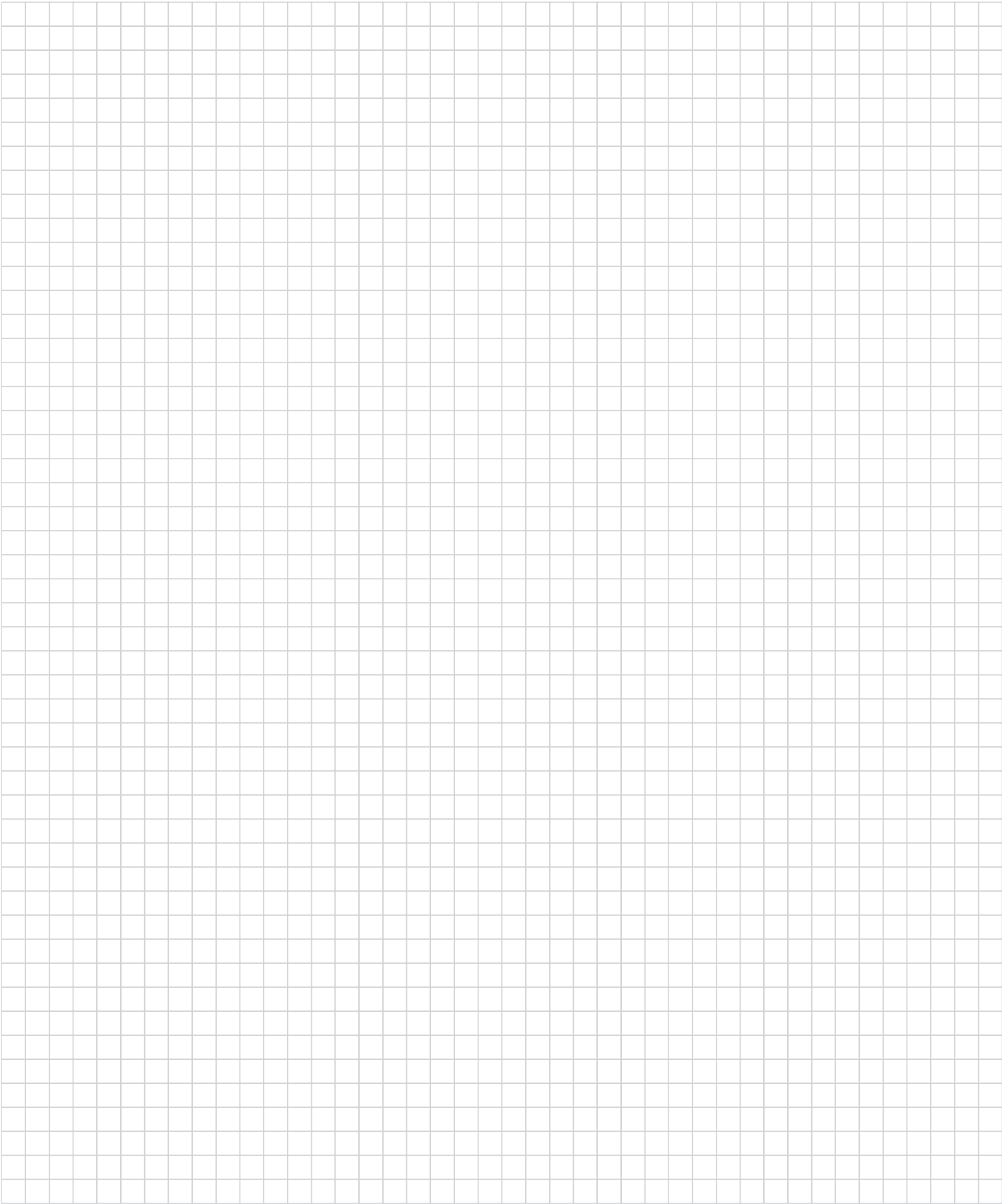
- **Continuous Working Temperature** - -35°C to +100°C (-31°F to +212°F)



PRODUCT INFORMATION

Description	Part Number	Catalog Number
For Series TSB500	1546182-1	500 3ZEL

ENGINEERING NOTES



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