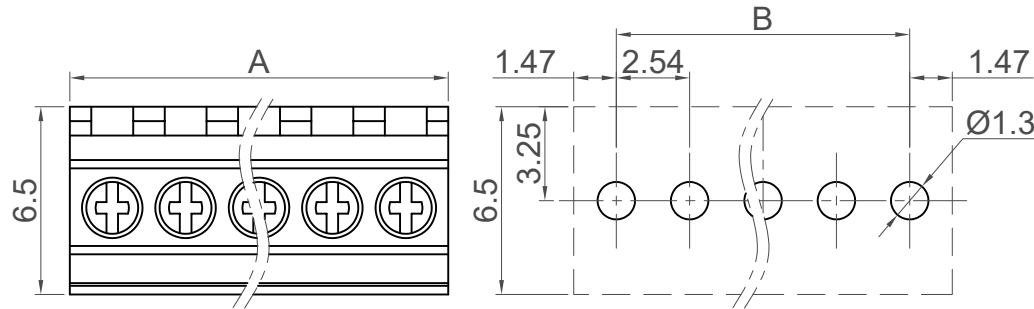
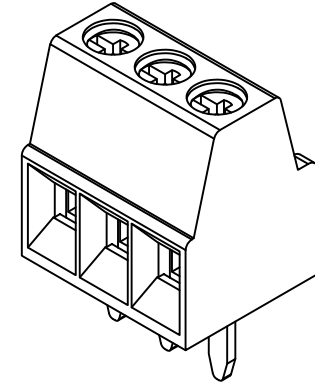
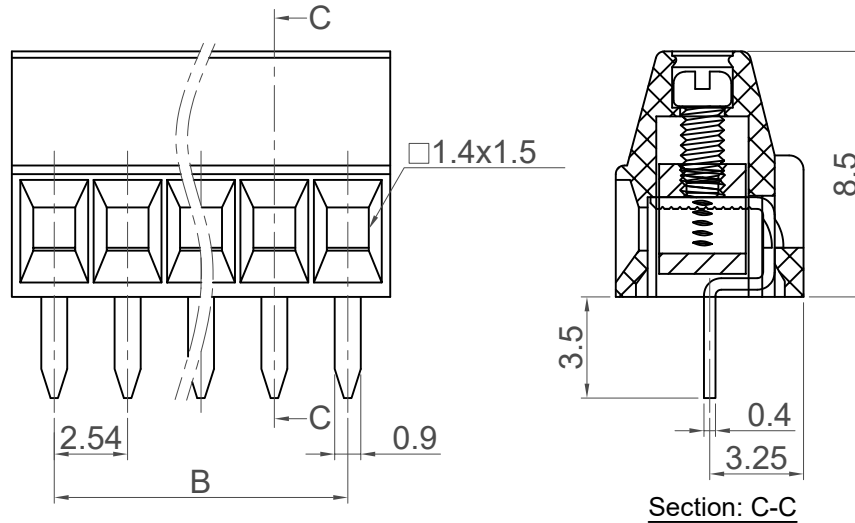




Recommended PCB Layout
General Tolerance ± 0.05



Specifications



Section: C-C

Number of Positions	Dimensions	
	A	B
2	5.48	2.54
3	8.02	5.08
4	10.56	7.62
5	13.10	10.16
6	15.64	12.70
7	18.18	15.24
8	20.72	17.78
9	23.26	20.32
10	25.80	22.86
11	28.34	25.40
12	30.88	27.94
13	33.42	30.48
14	35.96	33.02
15	38.50	35.56
16	41.04	38.10
17	43.58	40.64
18	46.12	43.18
19	48.66	45.72
20	51.20	48.26
21	53.74	50.80
22	56.28	53.34
23	58.82	55.88
24	61.36	58.42

Material

Insulator: Nylon 66, 0% GF, UL94V-0
Clamp: Copper Alloy
Wire Guard Solder Pin: Copper Alloy
Screw: Stainless Steel, '-/+' Combination Type

Plating

Clamp: Nickel
Wire Guard Solder Pin: Tin

Electrical

Voltage Rating: 150V AC
Current Rating: 6.0 Amp Per Position
Contact Resistance: 20 mΩ max.
Dielectric Withstand Voltage:
1300 V AC for 60 sec.

Mechanical & Environmental

Wire Range:
Solid Wire (AWG): 18 - 30
Stranded Wire (AWG): 18-30
Wire Strip Length: 4.0-5.0mm
Torque: 1.5kgf.cm/M1.6
Operating Temperature: -40°C to +105°C
Solderability: 245°C $\pm$ 5°C for 5 sec.

UL File No. : E543462

Ordering Grid

TBC05	-XX-	1-	G-	G	Request Samples and Quotation
No. of Positions 02 to 24				Packing Options G = Box	
Screw Material 1 = Stainless Steel				Insulator Colour G = Green	

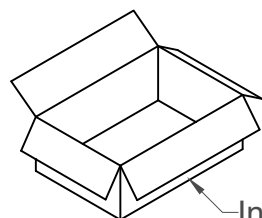
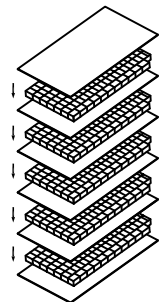
Part Number TBC05		Product Description 2.54mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Rising Clamp Type	
Drawing Date 18th October 2024			
By KY	Drawing Release	Tolerances (Except as Noted) Length X. $\pm$ 0.50 X.X $\pm$ 0.30 X.XX $\pm$ 0.20	Units: Metric (mm) 3rd Angle Projection
Detail Revision Date	A4 08/05/25	$\pm$ 1°	This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Not to Scale	Drawn By KY	Sheet No. 1/2	



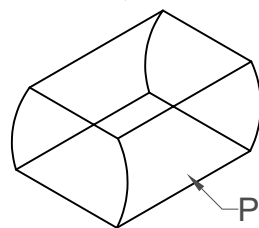
Paperboard
5 ~ 24 Position

Poly Bag
2 ~ 4 Position

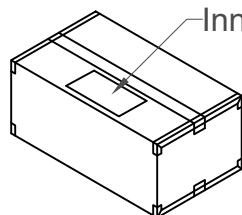
or



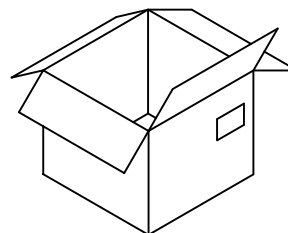
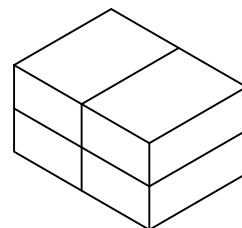
Inner Box



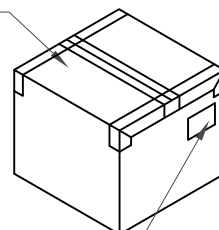
Plastic Bag



Inner Box Label



Outer Box



Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Outer Box
2	2000	8000
3	1500	6000
4	1200	4800
5	1080	4320
6	840	3360
7	660	2640
8	560	2240
* 9		
10	480	1920
11	420	1680
* 12		
* 13		
14	360	1440
* 15		
16	250	1000
17	250	1000
18	220	880
19	220	880
20	180	720
21	150	600
22	120	480
23	120	480
* 24		

* Please contact GCT to confirm packing qty

Part Number TBC05		Product Description 2.54mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Rising Clamp Type	
Drawing Date 18th October 2024			
By KY	Drawing Release	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail	A4	-	-
Revision	08/05/25		
Date			
		RoHS COMPLIANT 2011/65/EU Deca-SIDE	This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
		Not to Scale	Drawn By KY Sheet No. 2/2

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