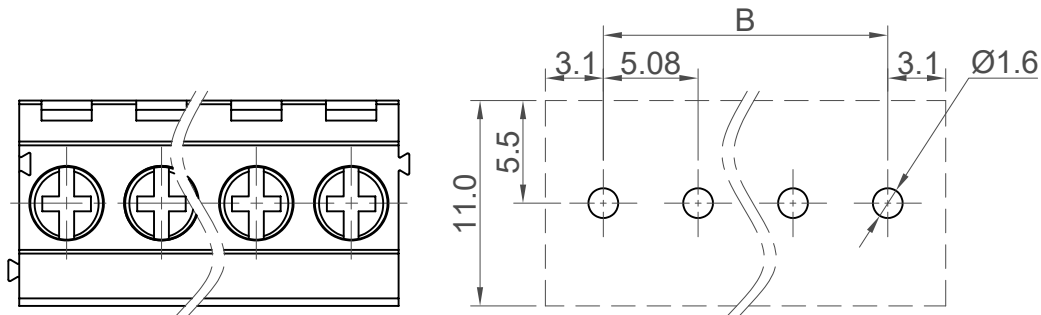
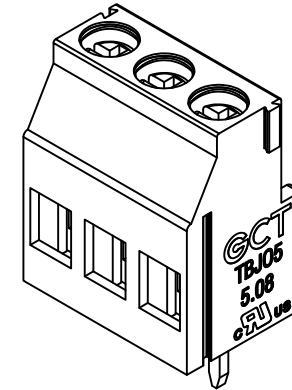




Recommended PCB Layout
General Tolerance ± 0.05



Specifications

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

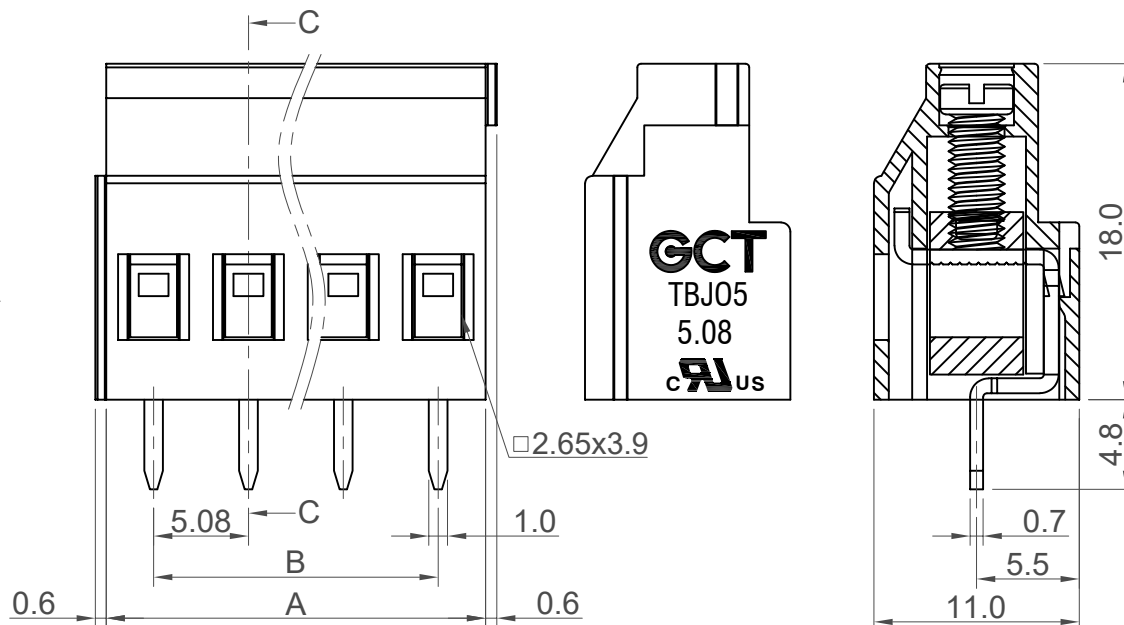
Electrical

Voltage Rating: 300V AC
Current Rating: 16.0 Amp Per Position
Contact Resistance: 20 mΩ max.
Dielectric Withstand Voltage:
2500 V AC for 60 sec.

Mechanical & Environmental

Wire Range:
Solid Wire (AWG): 12 - 30
Stranded Wire (AWG): 12 - 30
Wire Strip Length: 6.0-9.0mm
Torque: 4.5kgf.cm/M3.0
Operating Temperature: -40°C to +105°C
Solderability: 245°C $\pm 5^\circ\text{C}$ for 5 sec.

UL File No. : E543462



Section: C-C

Number of Positions	Dimensions	
	A	B
2	10.16	5.08
3	15.24	10.16
4	20.32	15.24
5	25.40	20.32
6	30.48	25.40
7	35.56	30.48
8	40.64	35.56
9	45.72	40.64
10	50.80	45.72
11	55.88	50.80
12	60.96	55.88
13	66.04	60.96
14	71.12	66.04
15	76.20	71.12
16	81.28	76.20
17	86.36	81.28
18	91.44	86.36
19	96.52	91.44
20	101.60	96.52
21	106.68	101.60
22	111.76	106.58
23	116.84	111.76
24	121.92	116.84

Ordering Grid

TBJ05 - XX - 1 - G - G Request Samples and Quotation

No. of Positions
02 to 24

Screw Material
1 = Stainless Steel

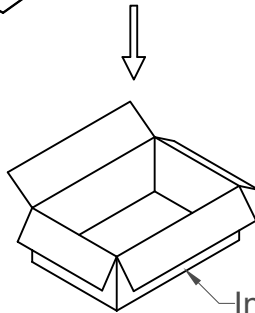
Packing Options
G = Box

Insulator Colour
G = Green

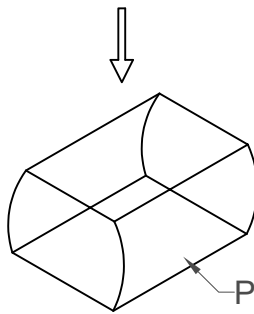
Part Number TBJ05		Product Description 5.08mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Rising Clamp Type	
Drawing Date 18th October 2024			
By KY	Drawing Release	Tolerances (Except as Noted) Length X. ± 0.50 X.X ± 0.30 X.XX ± 0.20	Units: Metric (mm) RoHS COMPLIANT 2011/65/EU Decade Projection
Detail	A4	$\pm 1^\circ$	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
Revision Date	09/05/25		Not to Scale Drawn By KY
			Sheet No. 1/2



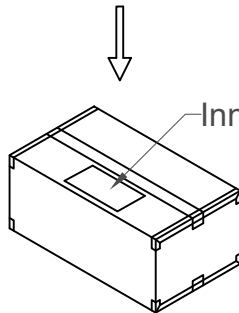
or



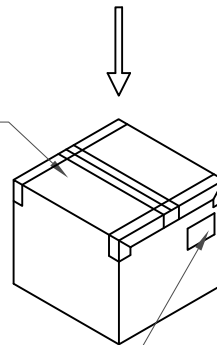
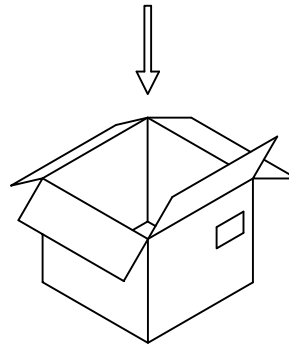
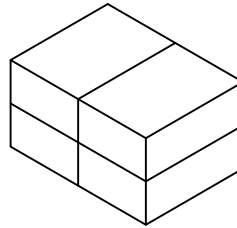
- Inner Box



- Plastic Bag



- Inner Box Label



Outer Box-

Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Outer Box
2	400	1600
3	250	1000
4	180	720
5	155	620
6	135	540
7	105	420
8	95	380
9	85	340
10	70	280
11	70	280
12	65	260
13	60	240
14	50	200
15	50	200
16	50	200
17	45	180
18	40	160
19	40	160
20	35	140
21	35	140
22	35	140
23	35	140
24	35	140

Part Number		Product Description		 www.gct.co	
TBJ05		5.08mm Pitch Terminal Block, Single Row, Side Entry,			
Drawing Date		Through Hole, Rising Clamp Type			
18th October 2024					
By	KY	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)		 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
Detail	Drawing Release				
Revision	A4	-	-	 3rd Angle Projection	Not to Scale Drawn By KY Sheet No. 2/2
Date	09/05/25				

GCT
www.gct.co