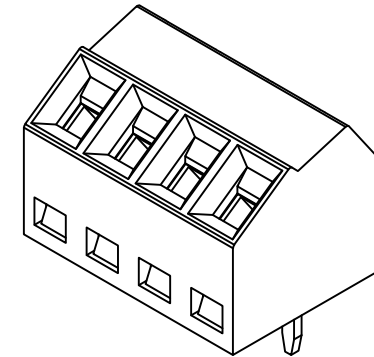


Recommended PCB Layout
General Tolerance ± 0.05



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

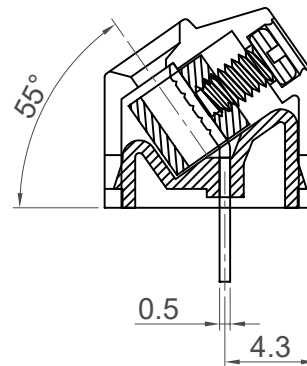
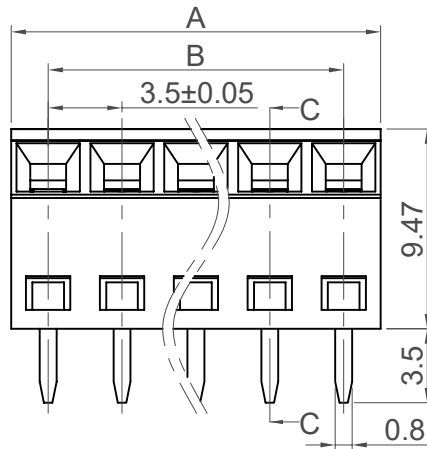
Electrical

Voltage Rating: 300V AC
Current Rating: 10 Amp Per Position
Contact Resistance: 20 mΩ max.
Dielectric Withstand Voltage:
1600 V AC for 60 sec.

Mechanical & Environmental

Wire Range:
Solid Wire (AWG): 16 - 30
Stranded Wire (AWG): 16 - 30
Wire Strip Length: 4.0-6.0mm
Torque: 2kgf.cm/M2
Operating Temperature: -40°C to +105°C
Solderability: 245°C \pm 5°C for 5 sec.

UL File No. : E543462



Section: C-C

Ordering Grid

TBD05	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	

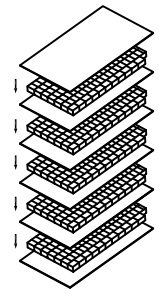
Number of Positions	Dimensions	
	A	B
2	7.0	3.5
3	10.5	7.0
4	14.0	10.5
5	17.5	14.0
6	21.0	17.5
7	24.5	21.0
8	28.0	24.5
9	31.5	28.0
10	35.0	31.5
11	38.5	35.0
12	42.0	38.5
13	45.5	42.0
14	49.0	45.5
15	52.5	49.0
16	56.0	52.5
17	59.5	56.0
18	63.0	59.5
19	66.5	63.0
20	70.0	66.5
21	73.5	70.0
22	77.0	73.5
23	80.5	77.0
24	84.5	80.5

Part Number TBD05		Product Description 3.5mm Pitch Terminal Block, Single Row, Wire 55° 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)
Detail	A3	\pm 1°	3rd Angle Projection
Revision	19/02/25		
Date			
		<div> </div> <p>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</p>	
		<p>www.gct.co</p>	
Not to Scale		Drawn By KY	Sheet No. 1/2

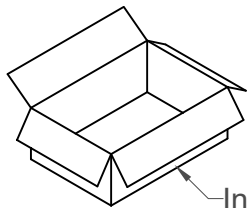
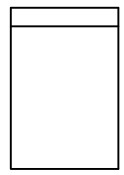
H
G
F
E
D
C
B
A

Paperboard
5 ~ 24 Position

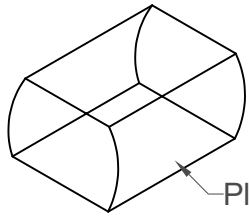
Poly Bag
2 ~ 4 Position



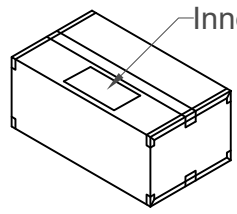
or



Inner Box

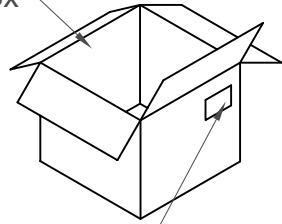
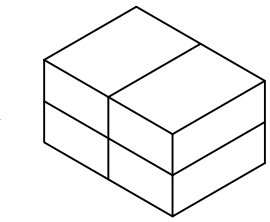


Plastic Bag

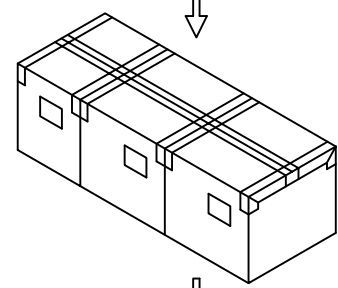


Inner Box Label

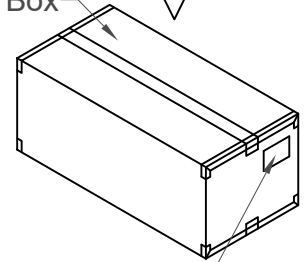
Middle Box



Middle Box Label






Outer Box



Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Middle Box	Pcs / Outer Box
2	1200	4800	14400
3	700	2800	8400
4	500	2000	6000
5	530	2120	6360
6	380	1520	4560
7	380	1520	4560
8	300	1200	3600
9	275	1100	3300
* 10			
11	220	880	2640
12	200	800	2400
13	180	720	2160
14	175	700	2100
15	150	600	1800
16	150	600	1800
17	140	560	1680
18	135	540	1620
19	135	540	1620
20	120	480	1440
21	120	480	1440
22	100	400	1200
23	90	360	1080
24	80	320	960

* Please contact GCT to confirm packing qty

Part Number TBD05		Product Description 3.5mm Pitch Terminal Block, Single Row, Wire 55° Entry, Through Hole, Rising Clamp Type		 www.gct.co
Drawing Date 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		3rd Angle Projection		
Revision Date	A3 19/02/25	-	-	Not to Scale Drawn By KY Sheet No. 2/2