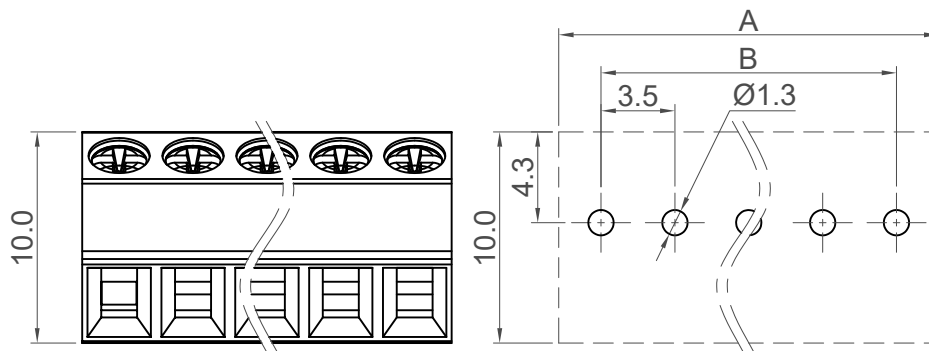
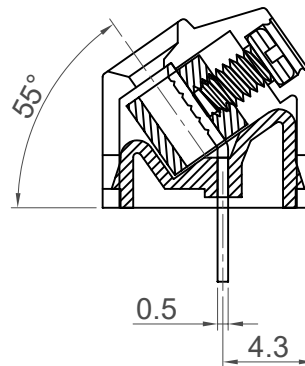
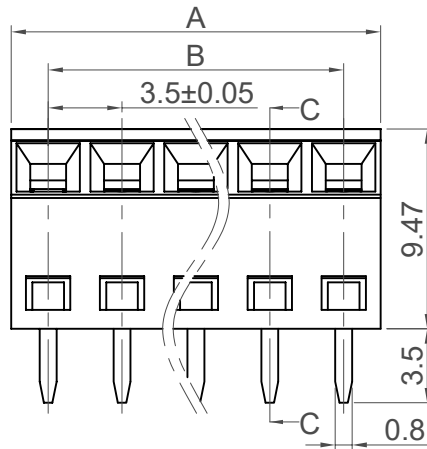




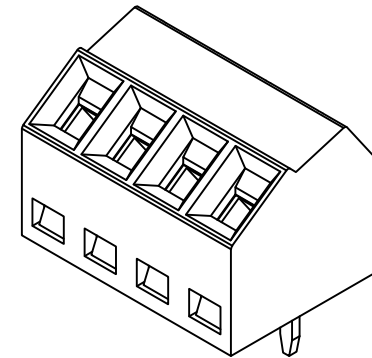
Recommended PCB Layout
General Tolerance ± 0.05



Section: C-C

Ordering Grid

TBD05	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		



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

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

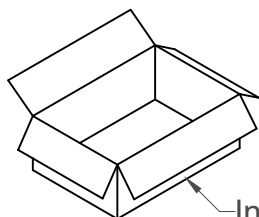
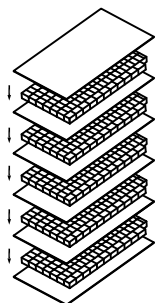
Part Number TBD05		Product Description 3.5mm Pitch Terminal Block, Single Row, Wire 55° Entry, Through Hole, Rising Clamp Type	
Drawing Date 18th October 2024			
By KY	Drawing Release	Tolerances (Except as Noted) Length X. $\pm$ 0.50 X.X $\pm$ 0.30 X.XX $\pm$ 0.20	Units: Metric (mm) RoHS COMPLIANT 2011/REU Deca-SIDE
Detail	A4	± 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
Revision Date	09/05/25	3rd Angle Projection	Not to Scale Drawn By KY
		Sheet No. 1/2	



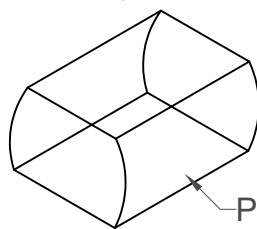
Paperboard
5 ~ 24 Position

Poly Bag
2 ~ 4 Position

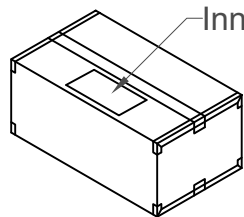
or



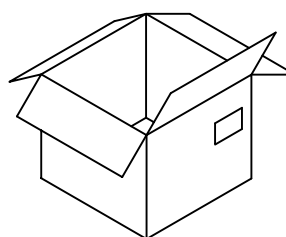
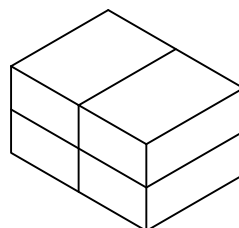
Inner Box



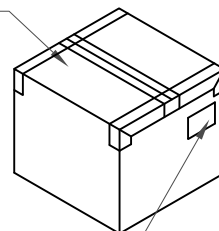
Plastic Bag



Inner Box Label



Outer Box



Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Outer Box
2	1200	4800
3	700	2800
4	500	2000
5	530	2120
6	380	1520
7	380	1520
8	300	1200
9	275	1100
* 10		
11	220	880
12	200	800
13	180	720
14	175	700
15	150	600
16	150	600
17	140	560
18	135	540
19	135	540
20	120	480
21	120	480
22	100	400
23	90	360
24	80	320

* Please contact GCT to confirm packing qty

Part Number		Product Description				 www.gct.co		
TBD05		3.5mm Pitch Terminal Block, Single Row, Wire 55° Entry, Through Hole, Rising Clamp Type						
Drawing Date								
18th October 2024		Tolerances (Except as Noted)		Units:	 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			
By	KY	Length	Angle	Metric (mm)				
Detail	Drawing Release			 3rd Angle Projection				
Revision	A4	-	-					
Date	09/05/25							
						Not to Scale	Drawn By KY	Sheet No. 2/2