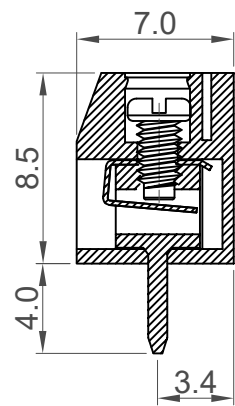
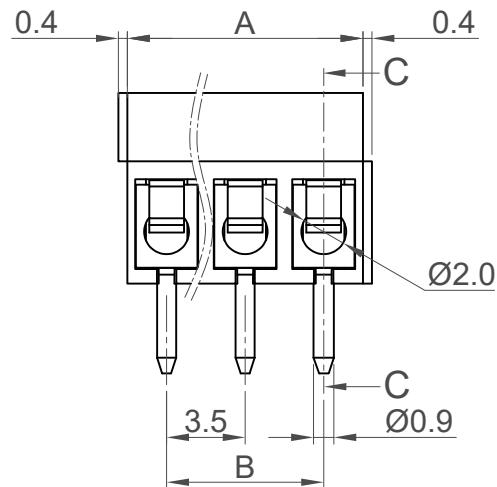
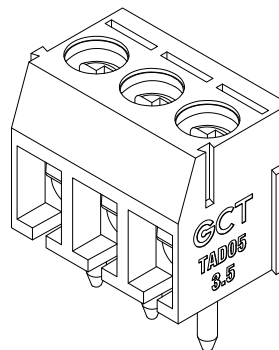
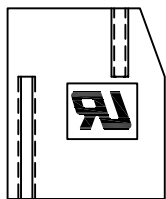


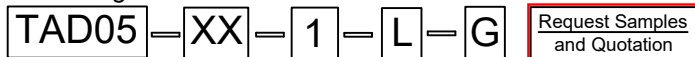
**Recommended PCB Layout**  
General Tolerance  $\pm 0.05$



**Section: C-C**



Ordering Grid



No. of Positions  
02 to 24

Screw Material  
1 = Stainless Steel

Packing Options  
G = Box

Insulator Colour  
L = Blue

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	84.0	80.5

**Specifications**

**Material**

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

**Plating**

- Terminal: Tin

**Electrical**

- Voltage Rating: 150V AC
- Current Rating: 10.0 Amp Per Position
- Contact Resistance: 20 mΩ max.
- Dielectric Withstand Voltage: 1300 V AC for 60 sec.

**Mechanical & Environmental**

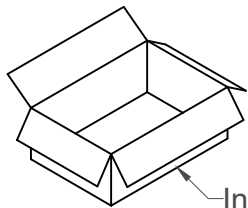
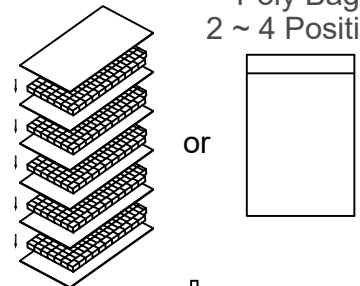
- Wire Range :
  - Solid Wire (AWG): 16 - 30
  - Stranded Wire (AWG): 16-30
- Wire Strip Length: 5.5-6.0mm
- Torque: 2.0kgf.cm/M2
- Operating Temperature: -40°C to +105°C
- Solderability: 245°C $\pm 5^\circ$ C for 5 sec.

UL File No. : E543462

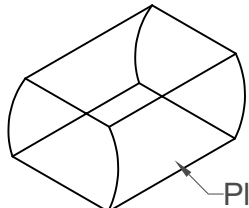
Part Number TAD05		Product Description 3.5mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Wire Protector Type		 www.gct.co
Drawing Date 18th October 2024				
By KY	Release A3	Tolerances (Except as Noted) Length X. $\pm 0.50$ X.X $\pm 0.30$ X.XX $\pm 0.20$	Units: Metric (mm)	 
Revision Date 12/02/25		$\pm 1^\circ$	 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	Not to Scale Drawn By CC Sheet No. 1/2

H  
G  
F  
E  
D  
C  
B  
A

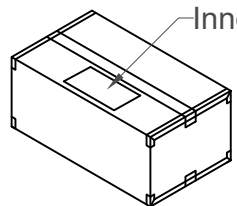
Paperboard  
5 ~ 24 Position  
Poly Bag  
2 ~ 4 Position



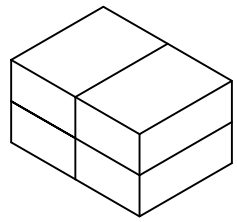
Inner Box



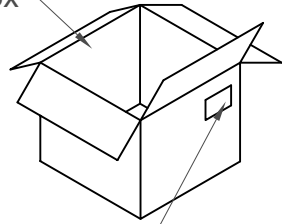
Plastic Bag



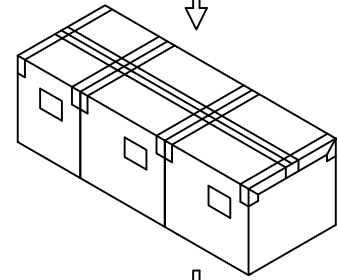
Inner Box Label



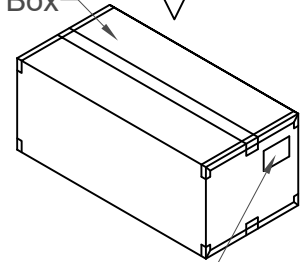
Middle Box



Middle Box Label






Outer Box



Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Middle Box	Pcs / Outer Box
2	1500	6000	18000
3	1000	4000	12000
4	800	3200	9600
5	670	2680	8040
6	480	1920	5760
7	470	1880	5640
8	405	1620	4860
9	360	1440	4320
10	360	1440	4320
* 11			
* 12			
* 13			
14	250	1000	3000
* 15			
16	220	880	2640
* 17			
* 18			
* 19			
* 20			
* 21			
* 22			
* 23			
* 24			

\* Please contact GCT to confirm packing qty

Part Number TAD05		Product Description 3.5mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Wire Protector Type		 <b>www.gct.co</b>
Drawing Date 18th October 2024				
By KY	Release	Tolerances (Except as Noted) Length      Angle	Units: Metric (mm)	
Detail	A3	-	-	  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	12/02/25			

1      2      3      4      5      6      7      8