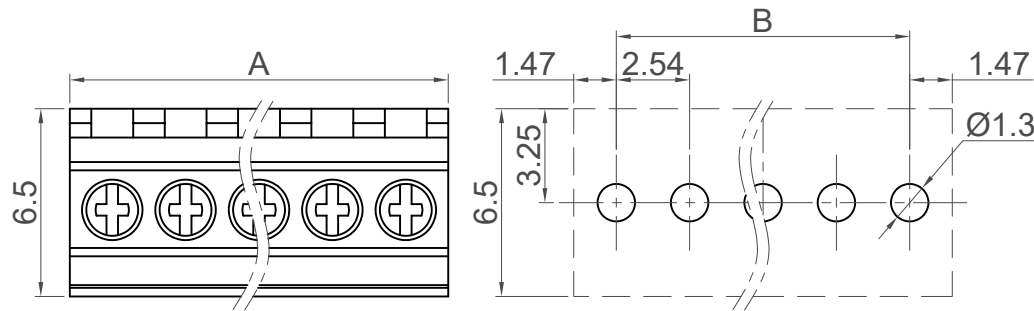
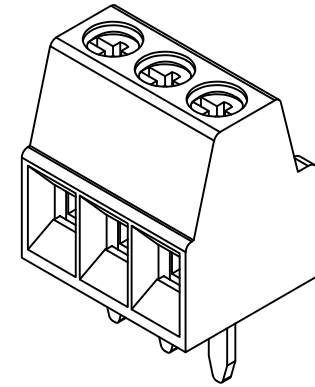
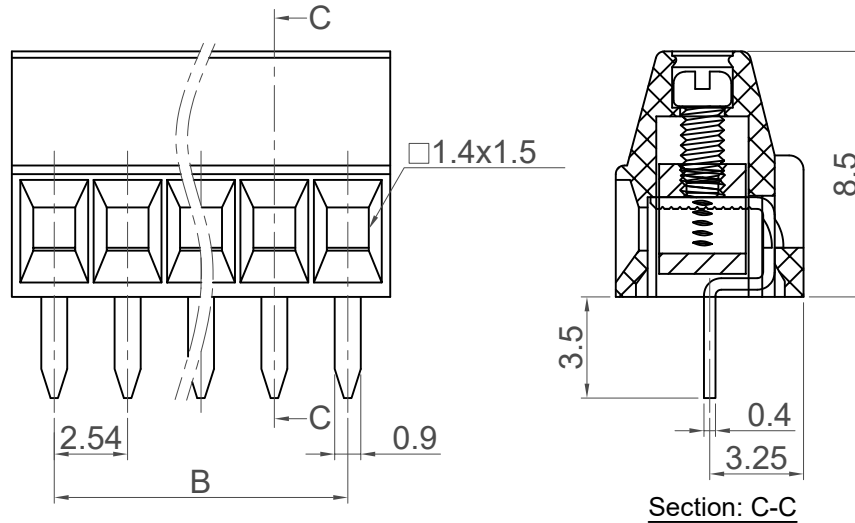




Recommended PCB Layout
General Tolerance ± 0.05



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	

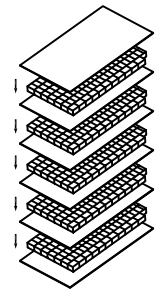
Part Number TBC05		Product Description 2.54mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Rising Clamp Type	
Drawing Date 18th October 2024			
By KY	Drawing Release	Tolerances (Except as Noted) Length X. $\pm$ 0.50 X.X $\pm$ 0.30 X.XX $\pm$ 0.20	Units: Metric (mm) 3rd Angle Projection
Detail A3	Revision Date 10/03/25	Angle $\pm$ 1°	RoHS COMPLIANT 2011/05/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. 1/2



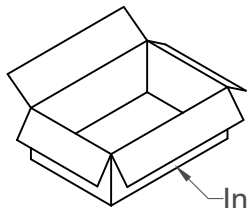
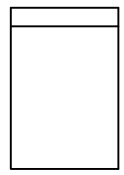
H
G
F
E
D
C
B
A

Paperboard
5 ~ 24 Position

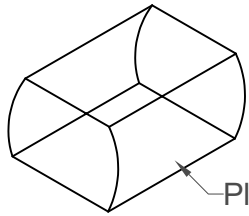
Poly Bag
2 ~ 4 Position



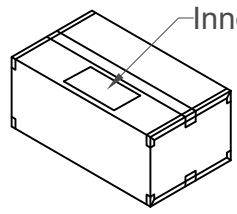
or



Inner Box

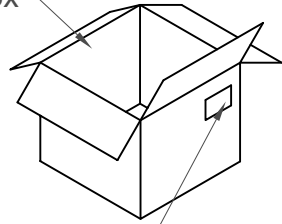
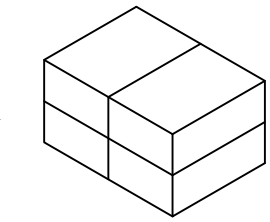


Plastic Bag

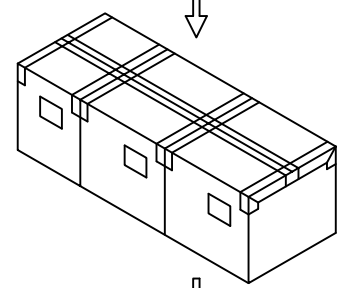


Inner Box Label

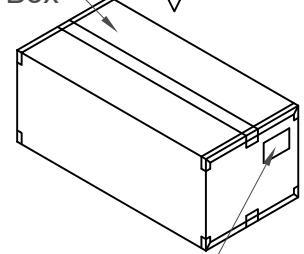
Middle Box



Middle Box Label



Outer Box



Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Middle Box	Pcs / Outer Box
2	2000	8000	24000
3	1500	6000	18000
4	1200	4800	14400
5	1080	4320	12960
6	840	3360	10080
7	660	2640	7920
8	560	2240	6720
* 9			
10	480	1920	5760
11	420	1680	5040
* 12			
* 13			
14	360	1440	4320
* 15			
16	250	1000	3000
17	250	1000	3000
18	220	880	2640
19	220	880	2640
20	180	720	2160
21	150	600	1800
22	120	480	1440
23	120	480	1440
* 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		 www.gct.co
Drawing Date 18th October 2024				
By KY	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)		
Detail Drawing Release				
Revision A3	Date 10/03/25			 
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[GCT:](#)

[TBC05-21-1-G-G](#) [TBC05-16-1-G-G](#) [TBC05-23-1-G-G](#) [TBC05-08-1-G-G](#) [TBC05-20-1-G-G](#) [TBC05-18-1-G-G](#)
[TBC05-10-1-G-G](#) [TBC05-15-1-G-G](#) [TBC05-13-1-G-G](#) [TBC05-04-1-G-G](#) [TBC05-11-1-G-G](#) [TBC05-19-1-G-G](#) [TBC05-](#)
[02-1-G-G](#) [TBC05-14-1-G-G](#) [TBC05-17-1-G-G](#) [TBC05-06-1-G-G](#) [TBC05-07-1-G-G](#) [TBC05-24-1-G-G](#) [TBC05-12-1-G-](#)
[G](#) [TBC05-05-1-G-G](#) [TBC05-03-1-G-G](#) [TBC05-09-1-G-G](#) [TBC05-22-1-G-G](#)