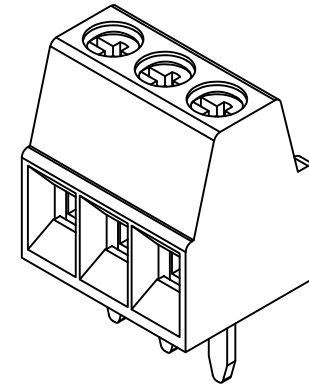
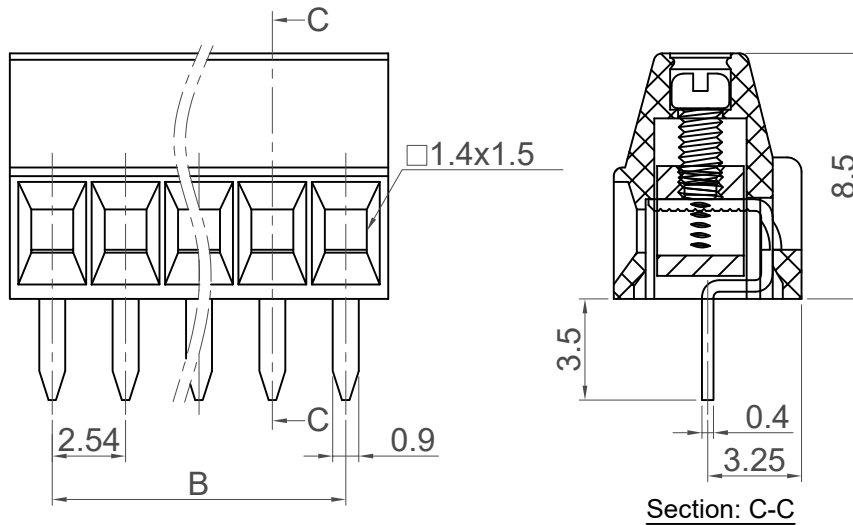


Recommended PCB Layout
General Tolerance ± 0.05



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	

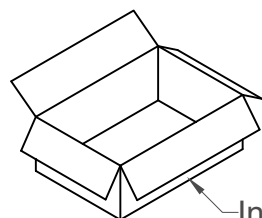
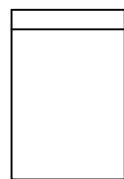
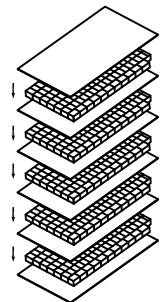
Part Number		Product Description			 www.gct.co	Not to Scale	Drawn By KY	Sheet No. 1/2
TBC05		2.54mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Rising Clamp Type						
Drawing Date								
18th October 2024								
By	KY	Tolerances (Except as Noted)		Units:	 	This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE		
Detail	Drawing Release	Length	Angle	Metric (mm)				
Revision	A4	X. \pm 0.50 X.X \pm 0.30 X.XX \pm 0.20	$\pm 1^\circ$	 3rd Angle Projection				
Date	08/05/25							



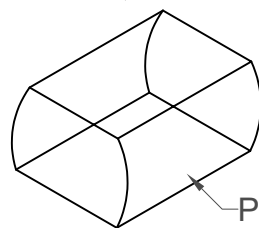
Paperboard
5 ~ 24 Position

Poly Bag
2 ~ 4 Position

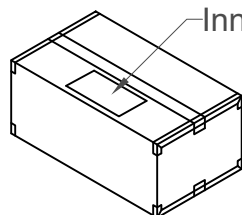
or



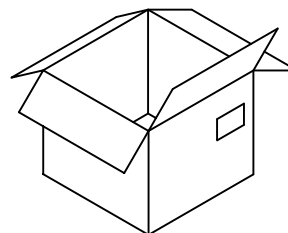
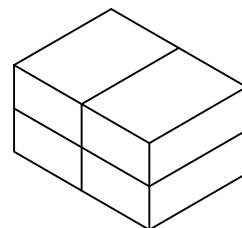
Inner Box



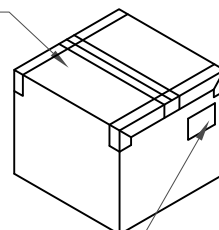
Plastic Bag



Inner Box Label







Outer Box



Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Outer Box
2	2000	8000
3	1500	6000
4	1200	4800
5	1080	4320
6	840	3360
7	660	2640
8	560	2240
* 9		
10	480	1920
11	420	1680
* 12		
* 13		
14	360	1440
* 15		
16	250	1000
17	250	1000
18	220	880
19	220	880
20	180	720
21	150	600
22	120	480
23	120	480
* 24		

* Please contact GCT to confirm packing qty

Part Number		Product Description				<div> www.gct.co</div>	
TBC05		2.54mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Rising Clamp Type					
Drawing Date							
18th October 2024		Tolerances (Except as Noted)		Units:	<div>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</div>		
By	KY	Length	Angle	Metric (mm)			
Detail	Drawing Release			<div></div>			
Revision	A4	-	-	<div></div>			
Date	08/05/25			<div></div>			
					Not to Scale	Drawn By KY	Sheet No 2/2