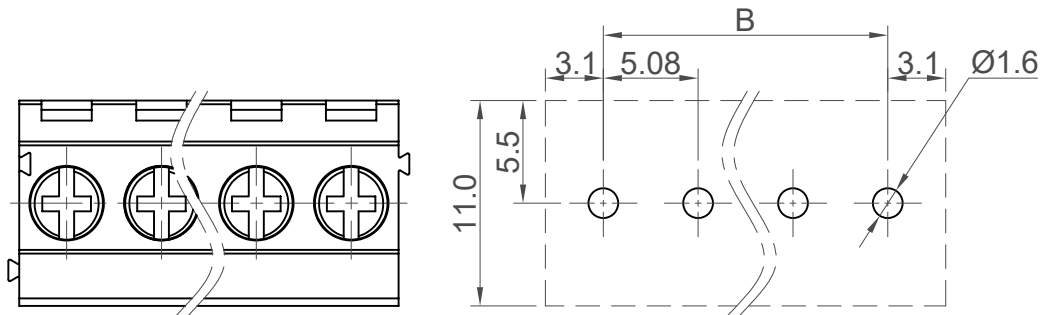
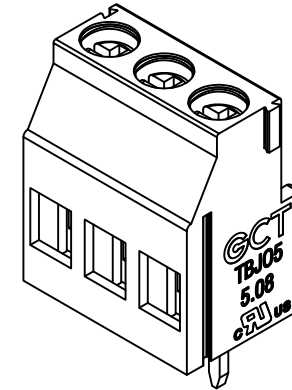




Recommended PCB Layout
General Tolerance ± 0.05



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

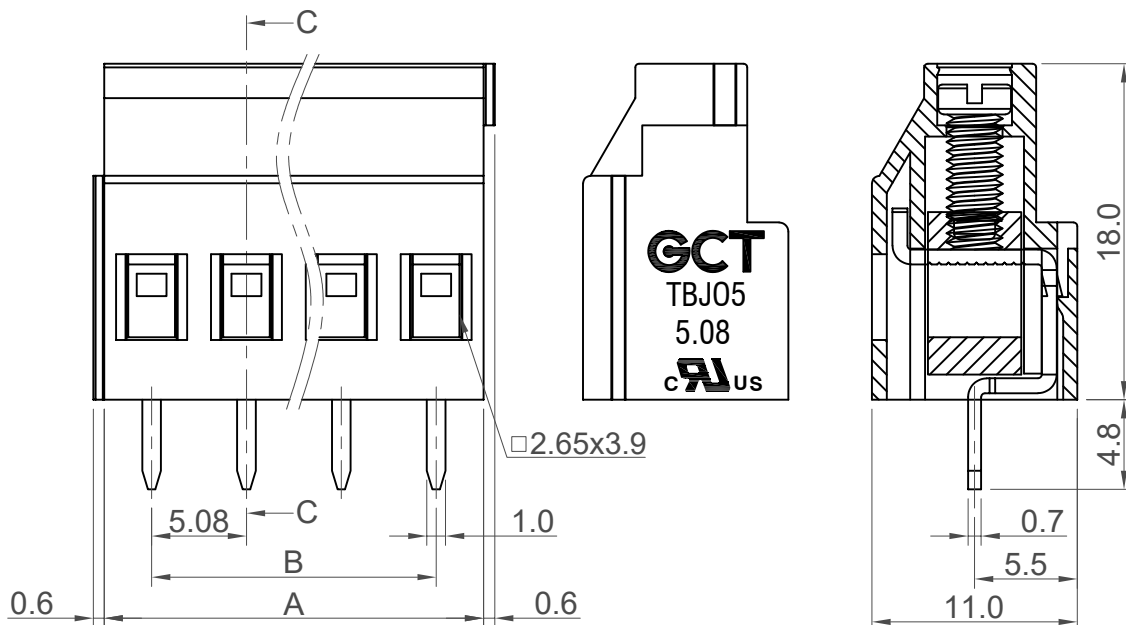
Electrical

Voltage Rating: 300V AC
 Current Rating: 16.0 Amp Per Position
 Contact Resistance: 20 mΩ max.
 Dielectric Withstand Voltage:
 2500 V AC for 60 sec.

Mechanical & Environmental

Wire Range:
 Solid Wire (AWG): 12 - 30
 Stranded Wire (AWG): 12 - 30
 Wire Strip Length: 6.0-9.0mm
 Torque: 4.5kgf.cm/M3.0
 Operating Temperature: -40°C to +105°C
 Solderability: 245°C $\pm 5^\circ\text{C}$ for 5 sec.

UL File No. : E543462



Section: C-C

Ordering Grid

TBJ05 - **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

Number of Positions	Dimensions	
	A	B
2	10.16	5.08
3	15.24	10.16
4	20.32	15.24
5	25.40	20.32
6	30.48	25.40
7	35.56	30.48
8	40.64	35.56
9	45.72	40.64
10	50.80	45.72
11	55.88	50.80
12	60.96	55.88
13	66.04	60.96
14	71.12	66.04
15	76.20	71.12
16	81.28	76.20
17	86.36	81.28
18	91.44	86.36
19	96.52	91.44
20	101.60	96.52
21	106.68	101.60
22	111.76	106.58
23	116.84	111.76
24	121.92	116.84

Part Number TBJ05		Product Description 5.08mm 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. ± 0.50 X.X ± 0.30 X.XX ± 0.20	Units: Metric (mm)
Detail	A3	$\pm 1^\circ$	3rd Angle Projection
Revision	Date	17/03/25	



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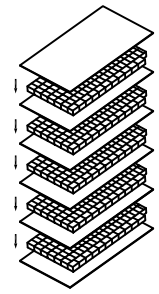
GCT
www.gct.co

Not to Scale
 Drawn By
 KY
 Sheet No.
 1/2

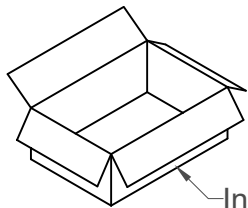
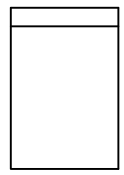
H
G
F
E
D
C
B
A

Paperboard
5 ~ 24 Position

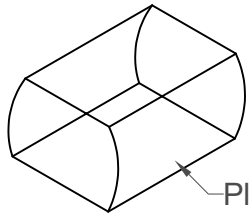
Poly Bag
2 ~ 4 Position



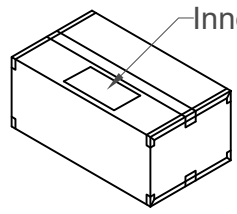
or



Inner Box

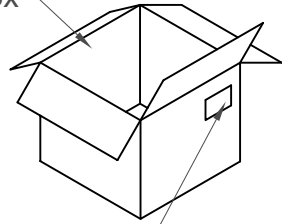
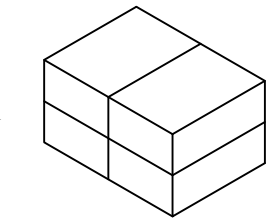


Plastic Bag

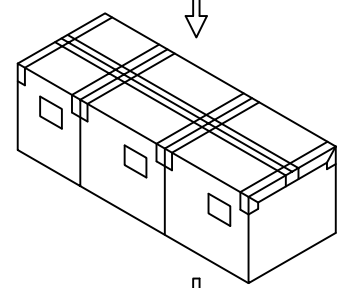


Inner Box Label

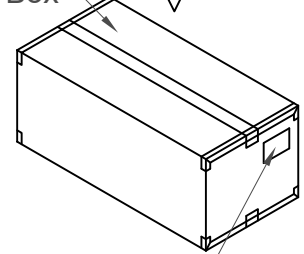
Middle Box



Middle Box Label



Outer Box



Outer Box Label

No. of Positions	Pcs / Inner Box	Pcs / Middle Box	Pcs / Outer Box
2	400	1600	4800
3	250	1000	3000
4	180	720	2160
5	155	620	1860
6	135	540	1620
7	105	420	1260
8	95	380	1140
9	85	340	1020
10	70	280	840
11	70	280	840
12	65	260	780
13	60	240	720
14	50	200	600
15	50	200	600
16	50	200	600
17	45	180	540
18	40	160	480
19	40	160	480
20	35	140	420
21	35	140	420
22	35	140	420
23	35	140	420
24	35	140	420

Part Number		Product Description	
TBJ05		5.08mm Pitch Terminal Block, Single Row, Side Entry, Through Hole, Rising Clamp Type	
Drawing Date		18th October 2024	
By	KY	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length	Angle
Revision	A3	-	-
Date	17/03/25	3rd Angle Projection	

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Not to Scale

Drawn By KY

Sheet No. 2/2

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