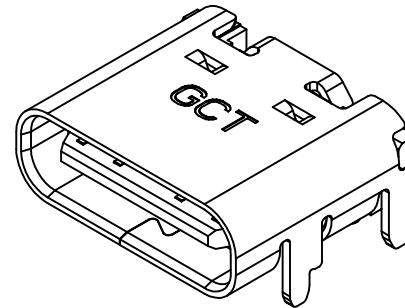
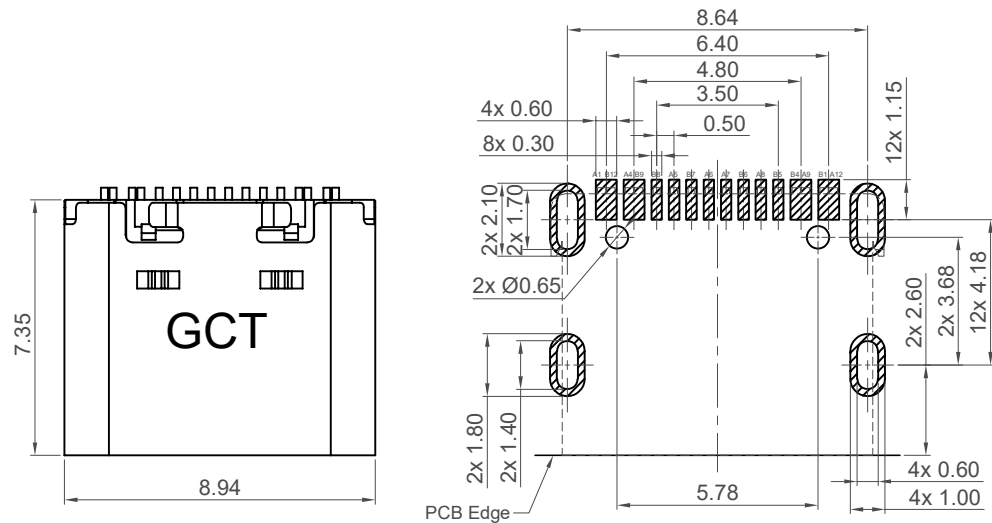
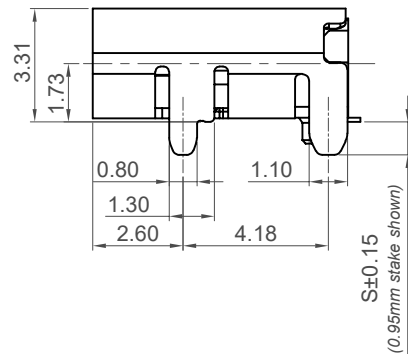
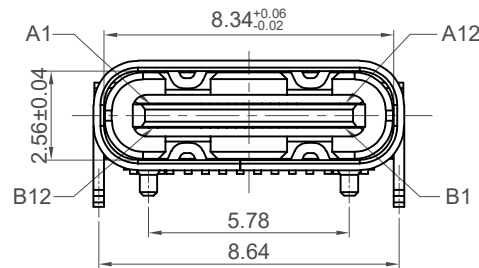


H
G
F
E
D
C
B
A

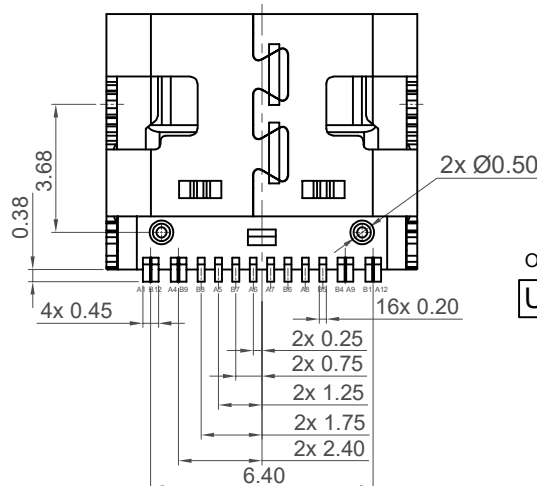
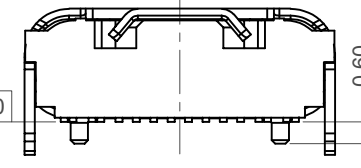


Recommended PCB Layout
As viewed from component side Tolerance: $\pm 0.05\text{mm}$

▨ Solder Area ▤ Component Outline



0.10

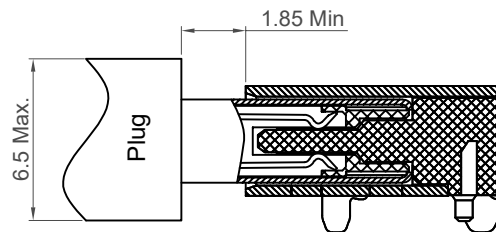


Ordering Grid

USB4930 - 00 - A - XXX Request Samples and Quotation

Packing Options
A = Tape & Reel
(800 per reel)

Shell Stake Length "S"
Blank = 0.95mm
060 = 0.60mm
120 = 1.20mm



Plug and Receptacle Mating View

Pin	Signal	Mating Sequence	Pin	Signal	Mating Sequence
A1	GND	First	B12	GND	First
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A12	GND	First	B1	GND	First
SHELL			SHELL		
GND			GND		

Specifications

Material

Insulator: LCP, UL 94V-0, Black
Contact: Copper Alloy
Shell: Stainless steel
Mid Plate: Stainless Steel

Plating

Contact:
Contact Area: Gold
Solder Tails: Gold
Underplating: 50 μ " min. Nickel
Shell: 30 μ " min. Nickel
Mid Plate: Clear




Electrical

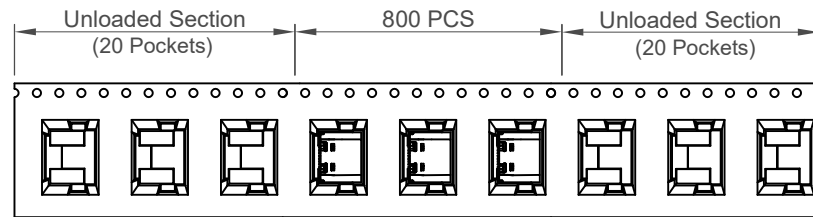
Current Rating: 5.00A collectively for Vbus pins
6.25A collectively for GND pins
1.25A for A5/B5 pin
0.25A per pin for all other pins

Voltage Rating: 48V DC
Power Rating: 240W
Contact Resistance: 40m Ω max. initial.
50m Ω max. after test
Dielectric Withstanding Voltage: 100V AC
Insulation Resistance 100M Ω min.

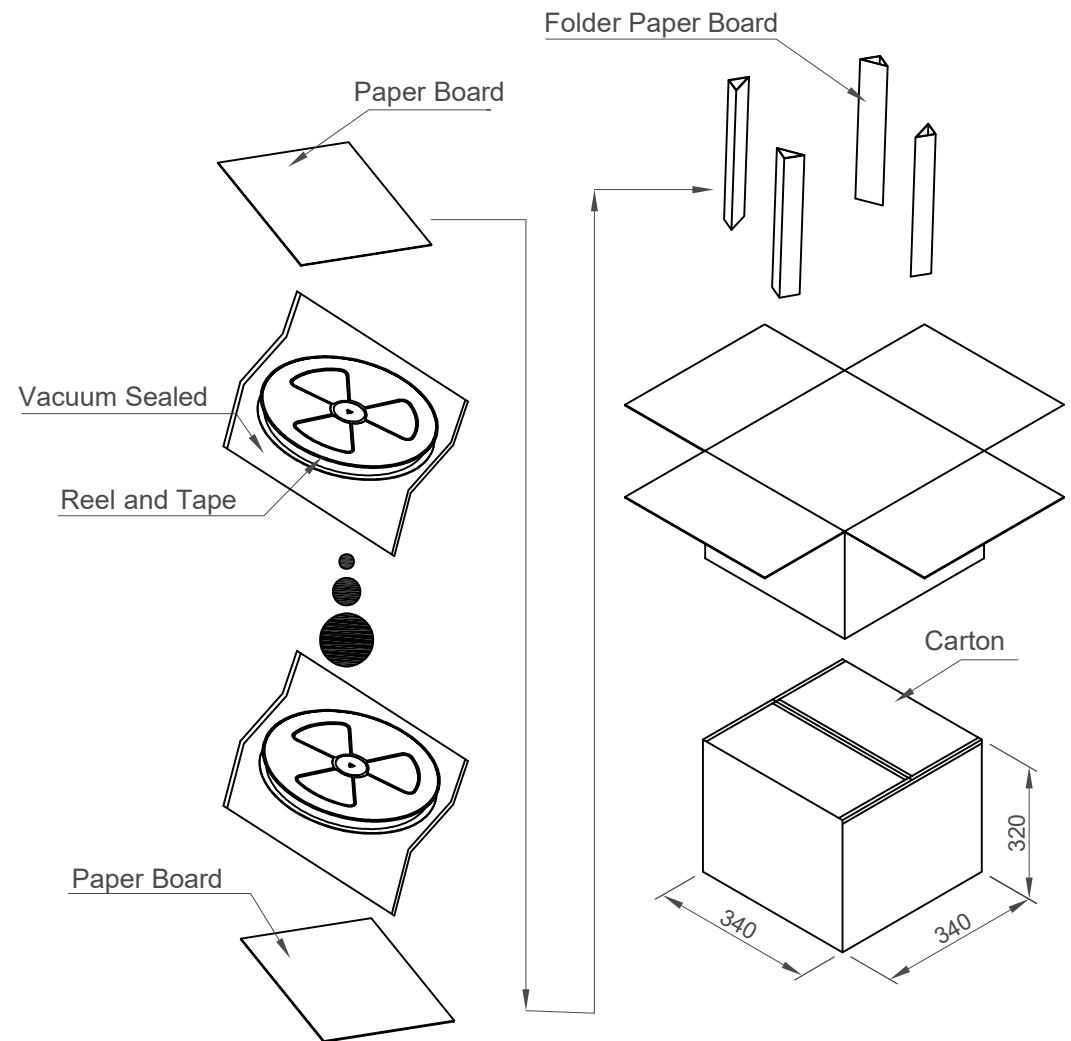
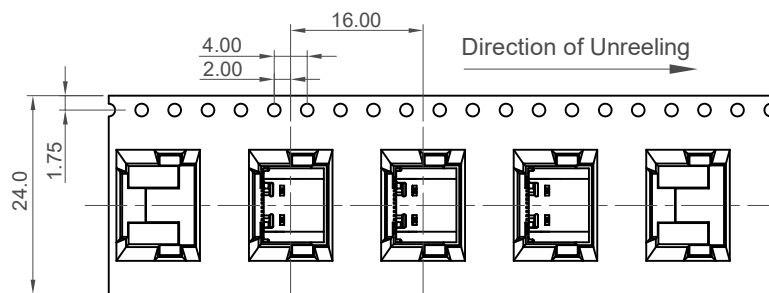
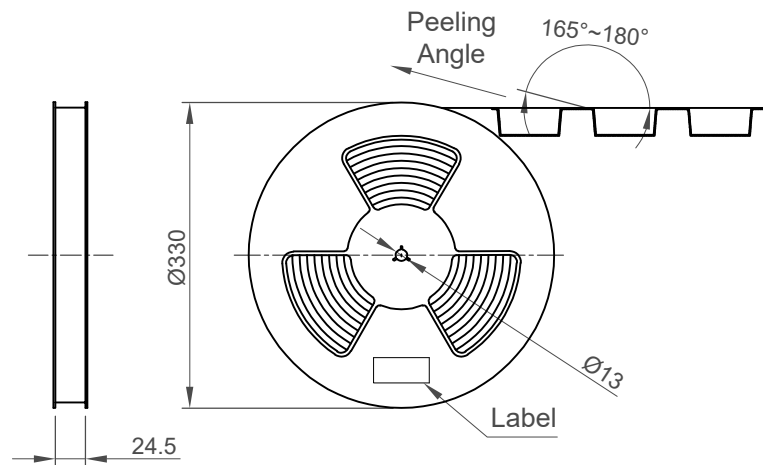
Mechanical & Environmental

Operating Temperature: -40°C to +85°C
Mating Force: 5 to 20 N.
Unmated Force: 6 to 20 N after test
Durability: 10,000 cycles





Part Number		Product Description			 www.gct.co	
USB4930		USB Type C Receptacle for USB 2.0				
Drawing Date		SMT Type, PCB Top Mount				
8th December 2025						
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)	 	<p>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</p>	
Detail	Drawing Release					Length
Revision	A					Angle
Date	08/12/25					X. ± 0.38
						X.X ± 0.30
		X.XX ± 0.15	X. $\pm 2^\circ$			
		X.XXX ± 0.10				



Direction of Unreeling



Pcs / Reel	Reels / Carton	Total Quantity
800	10	8000 pcs

Part Number		Product Description				<div> www.gct.co</div>
USB4930		USB Type C Receptacle for USB 2.0				
Drawing Date		SMT Type, PCB Top Mount				
8th December 2025						
By	CC	Tolerances (Except as Noted) Length Angle		Units: Metric (mm)	<div></div> <div></div> <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>	
Detail	Drawing Release			<div></div> <div>3rd Angle Projection</div>		
Revision	A	-				
Date	08/12/25	-				
						Not to Scale
						Drawn By CC
						Sheet No. 2/2

GCT
www.gct.co