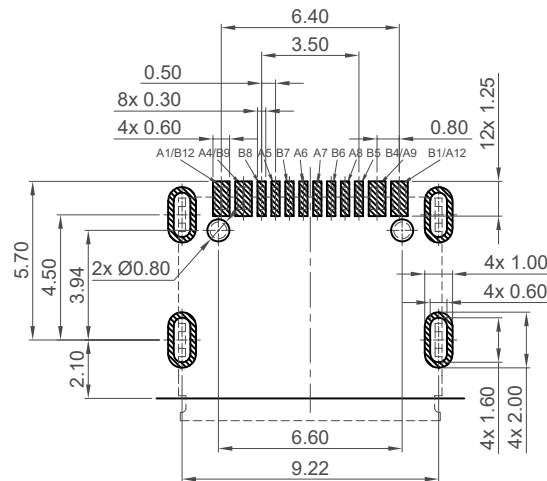
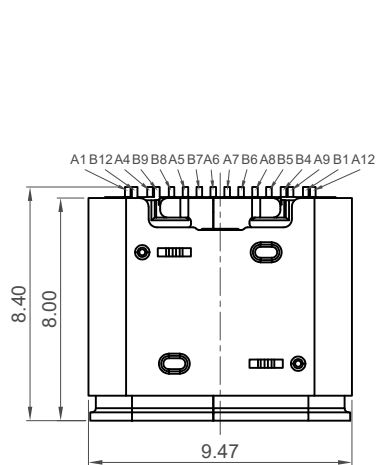
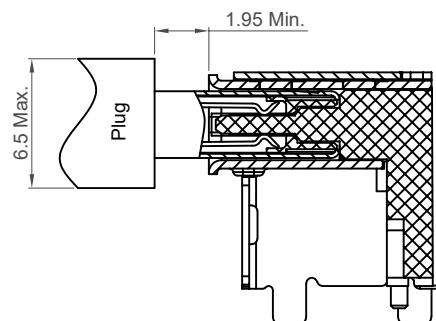
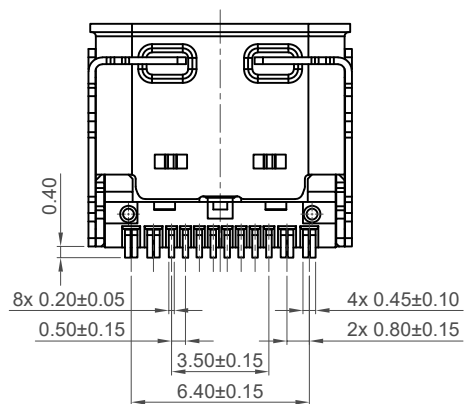
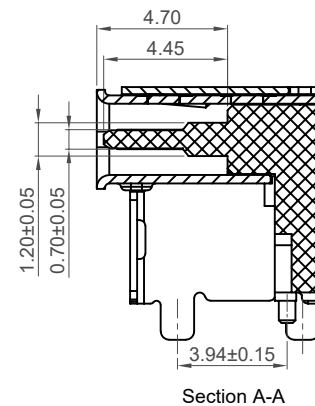
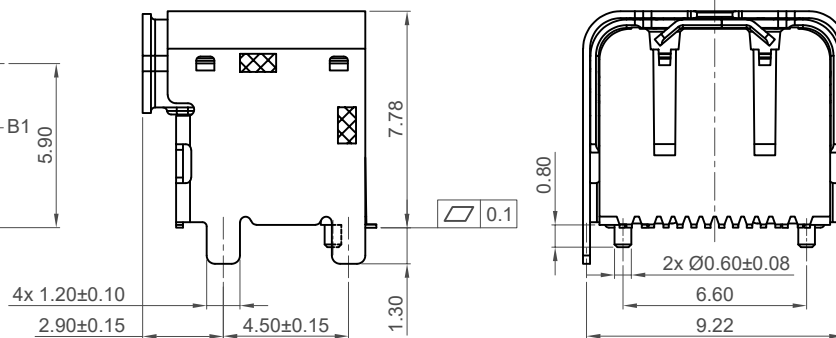
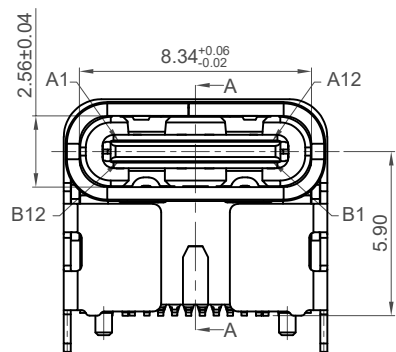


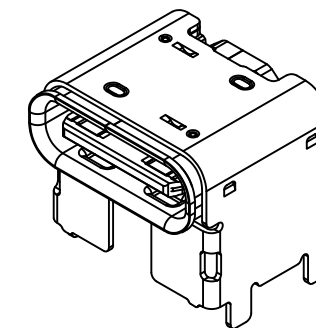


Recommended PCB Layout
Thickness: 0.80 to 1.20mm
As viewed from component side Tolerance: $\pm 0.05\text{mm}$
■ Solder Area □ Component Outline



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	GND		SHELL	GND	



Specifications

Material

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

Plating

Terminal:
Contact Area: See Ordering Grid
Solder Tails: Gold Flash
Underplating: 50μ" Min. Nickel Over All
Shell: 30μ" Min. Nickel Over All
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: 40mΩ max initial.
50mΩ max after test
Dielectric Withstanding Voltage: 100V AC
Insulation Resistance 100MΩ min

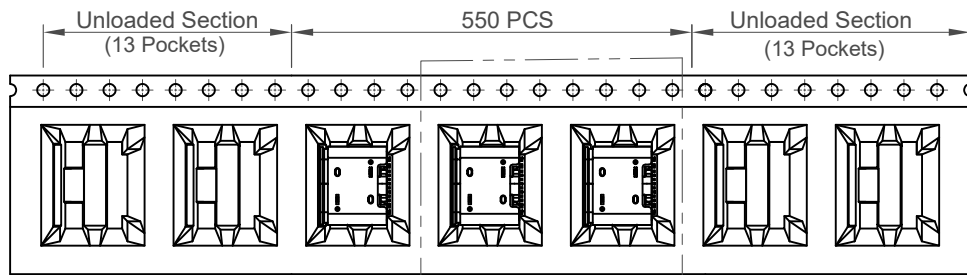
Mechanical & Environmental

Operating Temperature: -25°C to +85°C
Mating Force: 5 to 20 N.
Unmated Force: 6 to 20 N after test
Durability: 20,000 cycles

Ordering Grid

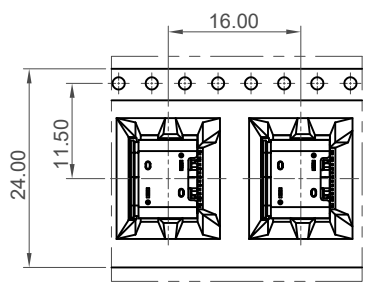
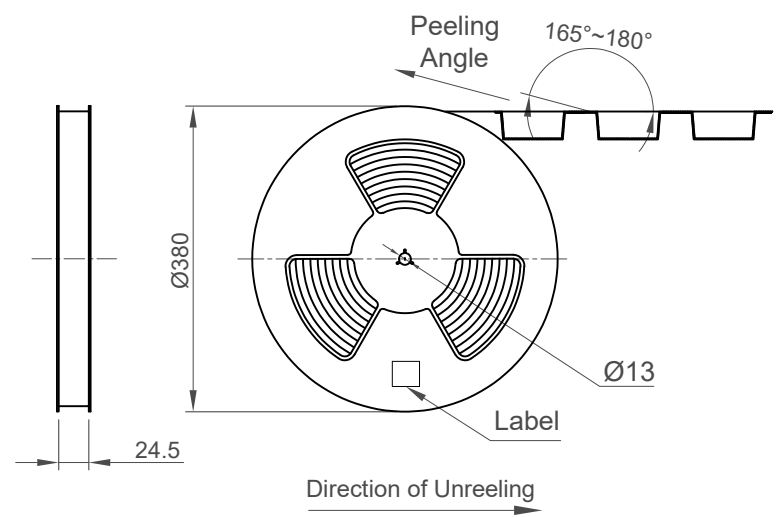
USB4805 - 03 - A
Contact Plating: 03 = 3μ" Gold
Packing Options: A = Tape & Reel (550 pcs/reel)
Request Samples and Quotation

Part Number			Product Description		
USB4805			USB Type C Receptacle for USB 2.0, SMT,		
Drawing Date			Horizontal, 5.90mm Elevated Top Mount, 16Pin		
11th April 2025					
By	KY	Tolerances (Except as Noted)		Units:	RoHS COMPLIANT 2011/65/EU DECL-056 © 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	A	X.X ± 0.30	±3°	3rd Angle Projection	
Date	11/04/25	X.XX ± 0.25			
		X.XXX ± 0.10			
www.gct.co					Not to Scale Drawn By KY Sheet No. 1/2

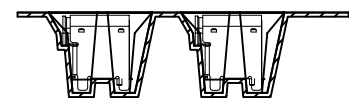


Direction of Unreeling

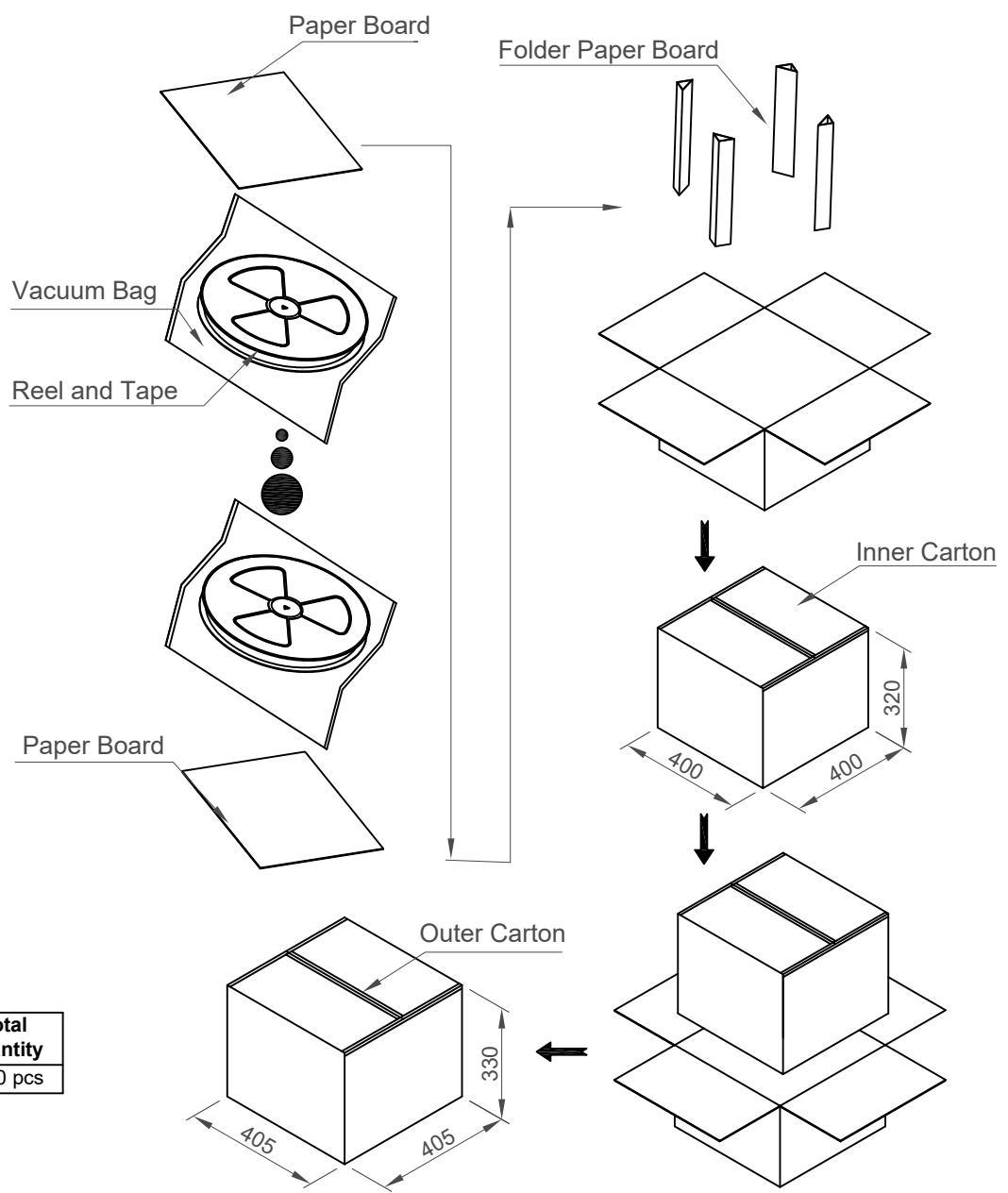
Detail E



Detail: E



Pcs / Reel	Reels / Carton	Total Quantity
550	10	5500 pcs



Part Number USB4805		Product Description USB Type C Receptacle for USB 2.0, SMT, Horizontal, 5.90mm Elevated Top Mount, 16Pin		 www.gct.co
Drawing Date 11th April 2025				
By KY	Drawing Release	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)	
Revision Date	A 11/04/25	-	-	

RoHS
COMPLIANT
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Deca-SIDE

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

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