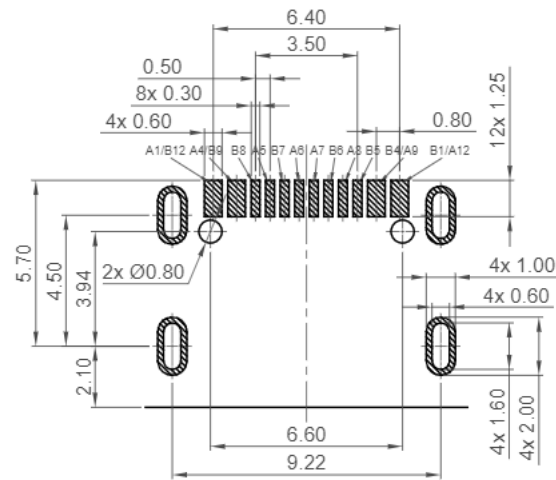
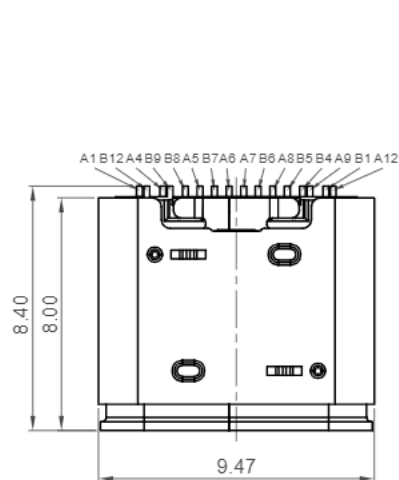
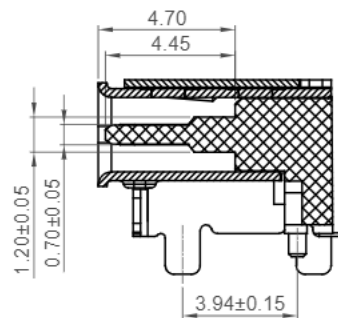
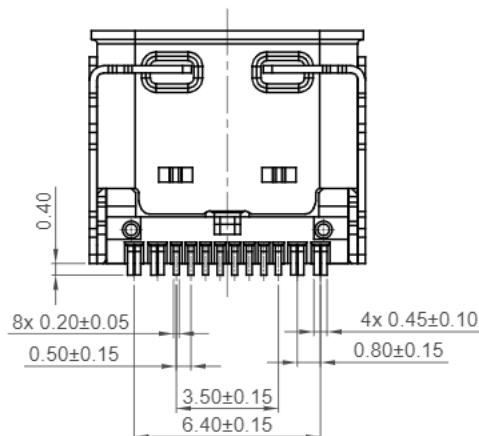
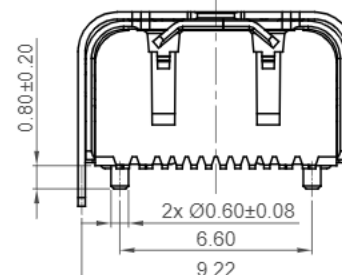
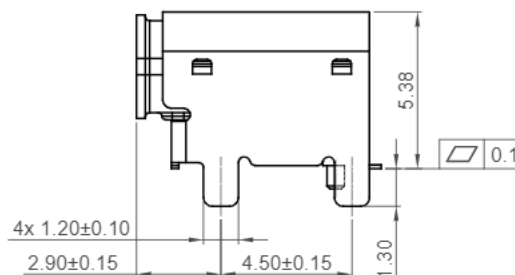
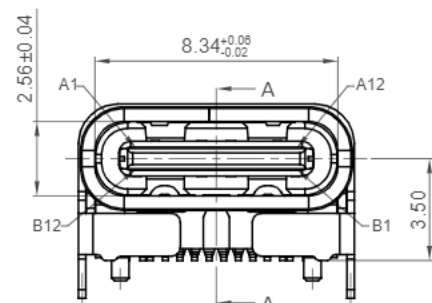
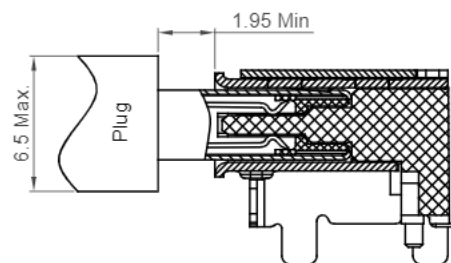




Recommended PCB Layout
Thickness: 0.80 to 1.20mm
As viewed from component side Tolerance: ±0.05mm
■ Solder Area □ Component Outline

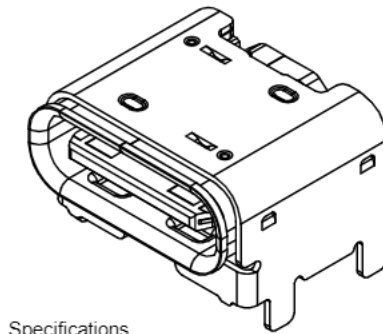


Section A-A



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: PA9T, 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: 10,000 cycles

Ordering Grid

USB4800-03-A Request Samples and Quotation
Contact Plating: 03 = 3µ" Gold
Packing Options: A = Tape & Reel (700 pcs/reel)

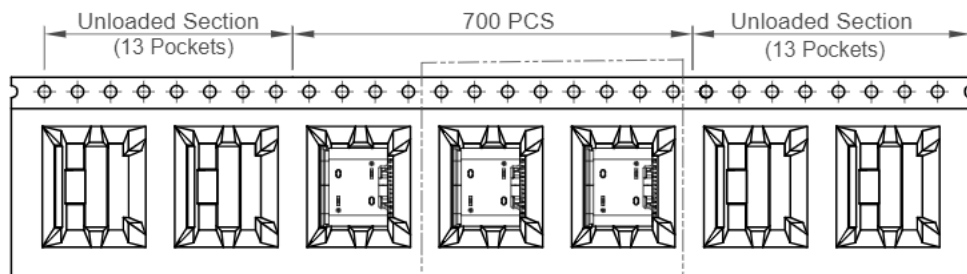
Part Number		Product Description	
USB4800		USB Type C Receptacle for USB 2.0, SMT.	
Drawing Date		Horizontal, 3.5mm Elevated Top Mount, 16Pin	
5th July 2022			
By	CC	Tolerances (Except as noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A2	Angle	
Date	14/06/23	X.X ± 0.30	
		X.XX ± 0.20	
		X.XXX ± 0.10	



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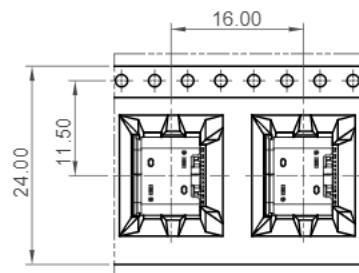
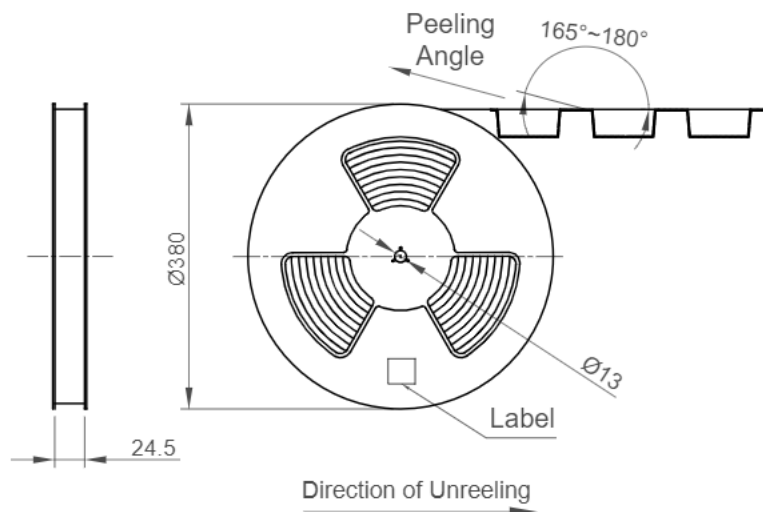


Not to Scale	Drawn By CC	Sheet No. 1/2
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Direction of Unreeling

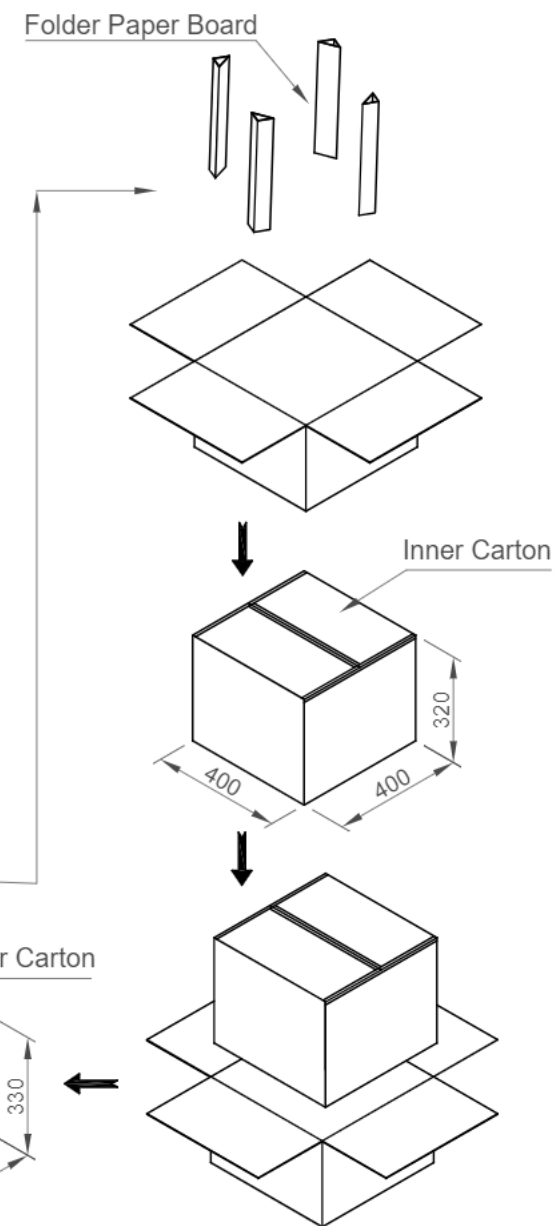
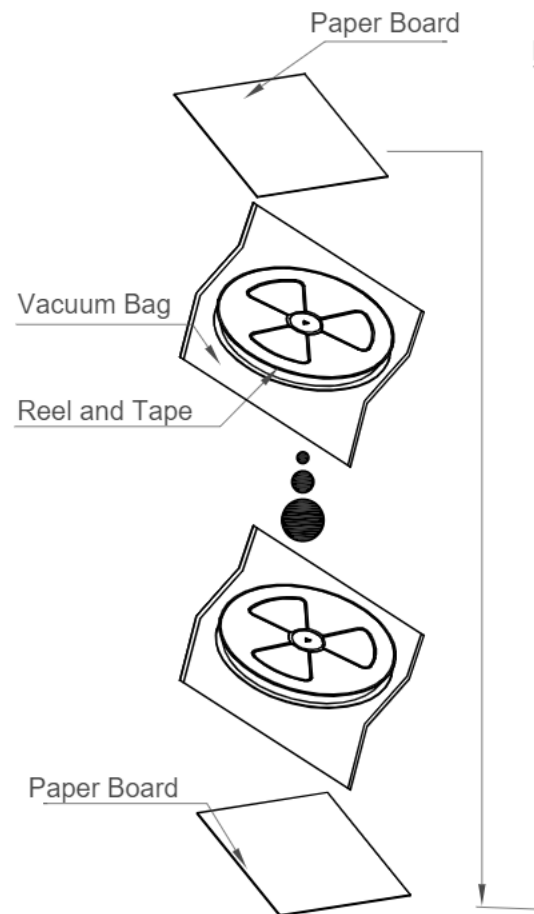
Detail E



Detail: E



Pcs / Reel	Reels / Carton	Total Quantity
700	10	7000 pcs



Part Number USB4800		Product Description USB Type C Receptacle for USB 2.0, SMT, Horizontal, 3.50mm Elevated Top Mount, 16Pin	
Drawing Date 5th July 2022			
By CC	Drawing Release	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail	A2	-	-
Revision	14/06/23	-	-
Date		-	-



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CC
Sheet No.
2/2