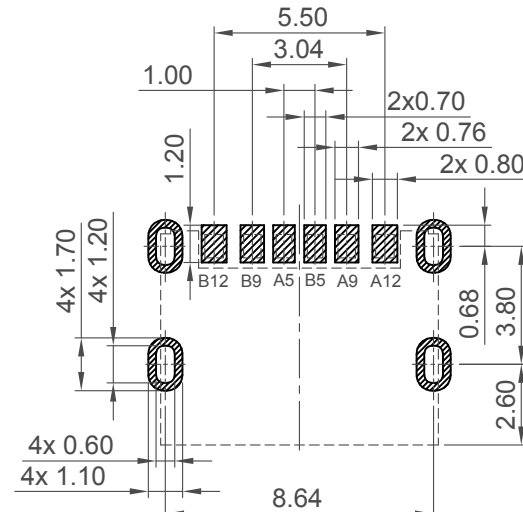
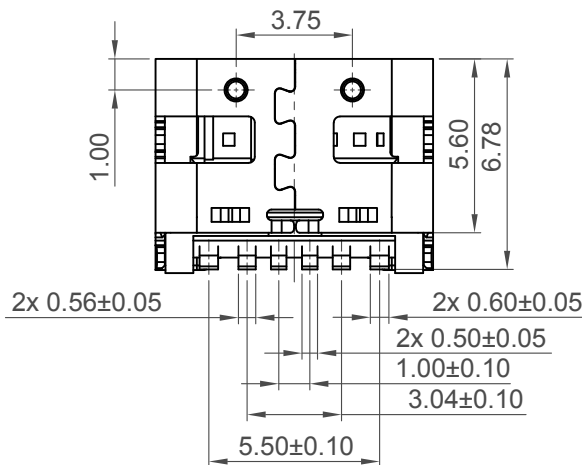
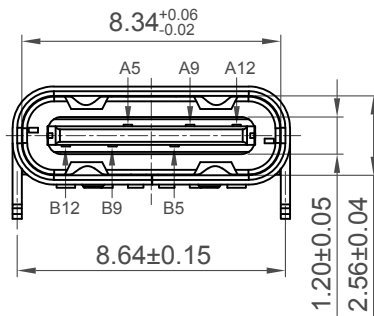
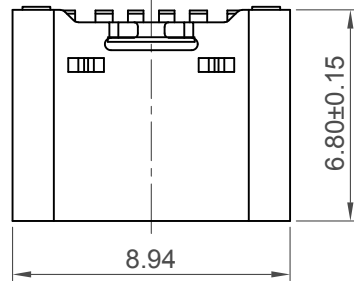


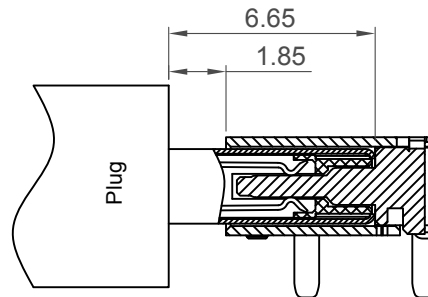
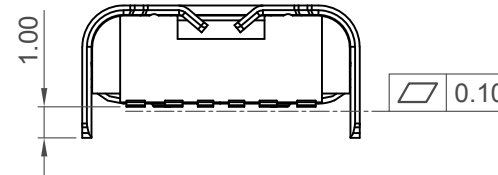
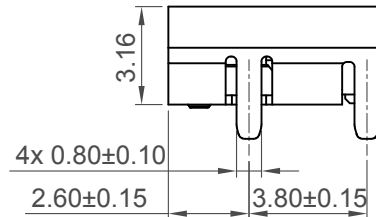


Recommended PCB Layout

Thickness 1.00±0.10mm

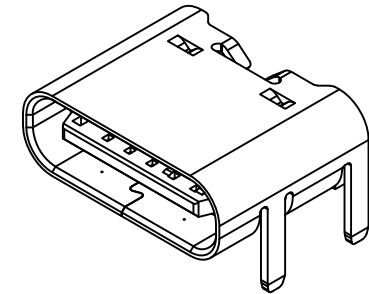
Tolerance: ±0.05mm

■ Solder Area □ Component Outline



Plug and Receptacle Mating View

Pin	Signal	Mating Sequence
A5	CC1	Second
A9	Vbus	First
A12	GND	First
B5	CC2	Second
B9	Vbus	First
B12	GND	First
SHELL	GND	



Specifications

Material

Insulator: LCP, UL 94V-0, Black

Contact: Copper Alloy

Shell: Stainless Steel

Plating

Contact

Contact Area: Gold Flash

Solder Tails: 80u" min. Matte Tin over Nickel

Shell: 50u" min. Nickel

Electrical

Current Rating: 3.00A collectively for Vbus pins
4.25A collectively for GND pins
1.25A for B5 pin
0.25A for A5 pin

Voltage Rating: 20V DC

Contact Resistance: 40mΩ max initial.

50mΩ max after test

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance 100MΩ min

Mechanical & Environmental

Operating Temperature: -30°C to +85°C

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 10,000 cycles

Ordering Grid

USB4125	GF	A	Request Samples and Quotation
Contact Plating			Packing Options
GF = Gold Flash			C = Tape & Reel (1000 per reel)

Part Number		Product Description	
USB4125		USB 2.0 Type C Receptacle, Horizontal, SMT,	
Drawing Date		For Power charging	
28th September 2020			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	28/09/20	X.X ± 0.30	
		X.XX ± 0.25	
		X.XXX ± 0.10	
			3rd Angle Projection

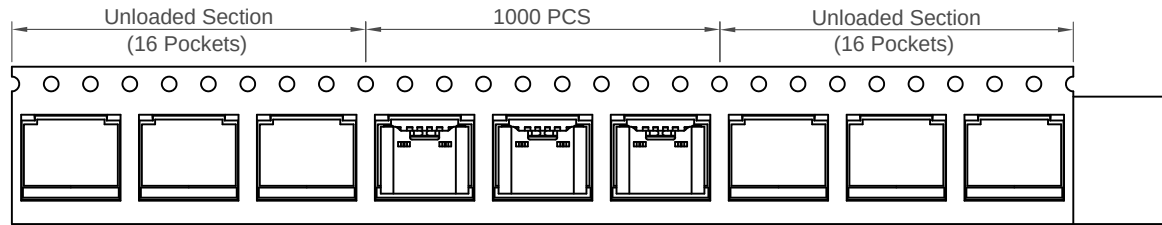


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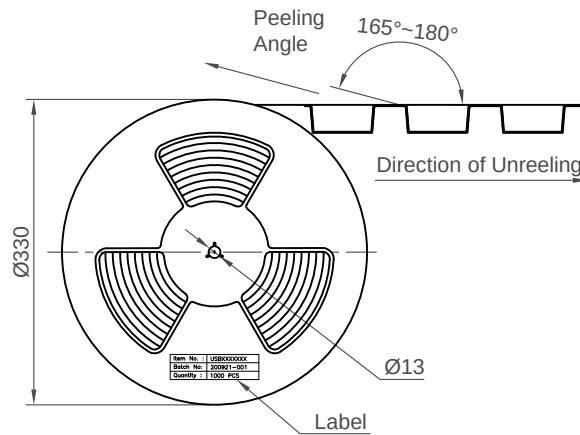


Not to Scale	Drawn By CC	Sheet No. 1/2
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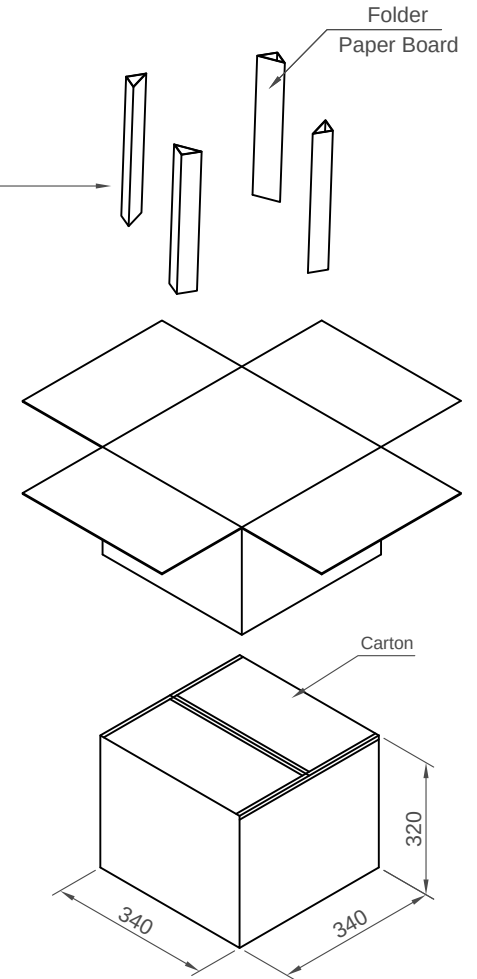
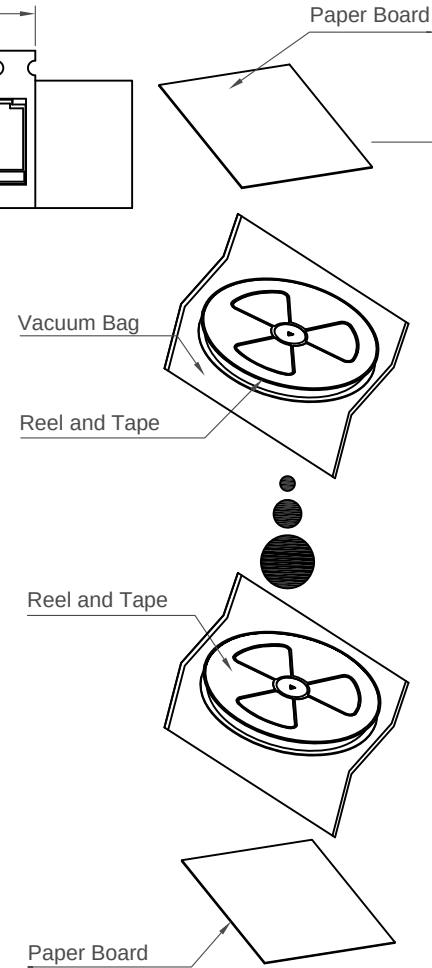
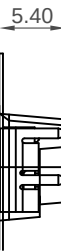
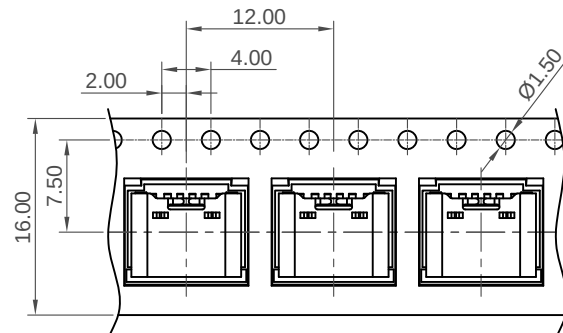
H
G
F
E
D
C
B
A



Direction of Unreeling



Direction of Unreeling



Pcs / Reel	Reels / Carton	Total Quantity
1000	15	15,000 pcs

Part Number USB4125		Product Description USB 2.0 Type C Receptacle, Horizontal, SMT, For Power charging	
Drawing Date 28th September 2020			
By CC	Drawing Release	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail			
Revision Date	A 28/09/20	-	-



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1 2 3 4 5 6 7 8