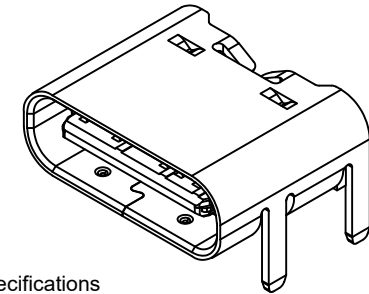


Recommended PCB Layout
Thickness 1.00±0.10mm
Tolerance: ±0.05mm

■ Solder Area □ Component Outline

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
Middle plate: Stainless Steel

Plating

Contact: Gold Flash All Over
Shell: 50μ" min. Nickel
Middle plate: Clear

Electrical

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

Voltage Rating: 48V DC

Contact Resistance: 40mΩ max initial.

50mΩ max after test

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance 100MΩ min

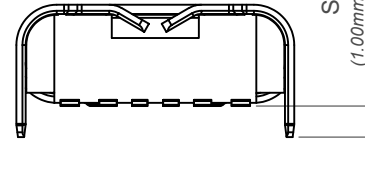
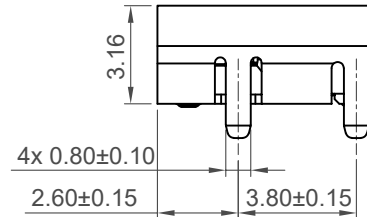
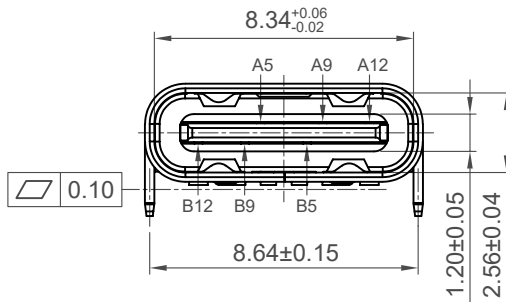
Mechanical & Environmental

Operating Temperature: -30°C to +85°C

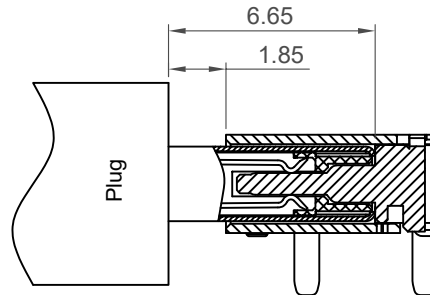
Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 20,000 cycles



S±0.25
(1.00mm stake shown)



Plug and Receptacle Mating View

Ordering Grid

USB4125 = XX = A = XXXX

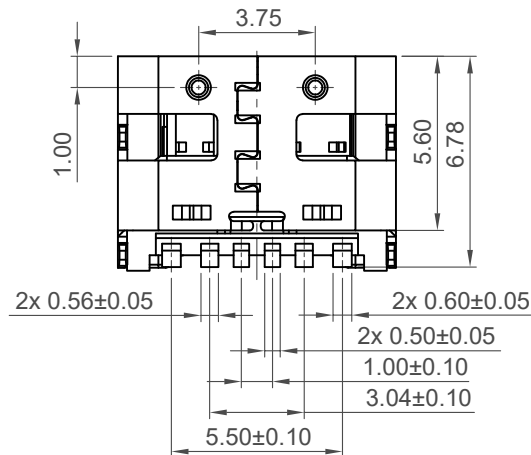
Contact Plating
GF = Gold Flash

Packing Options

A = Tape & Reel (1000 per reel)

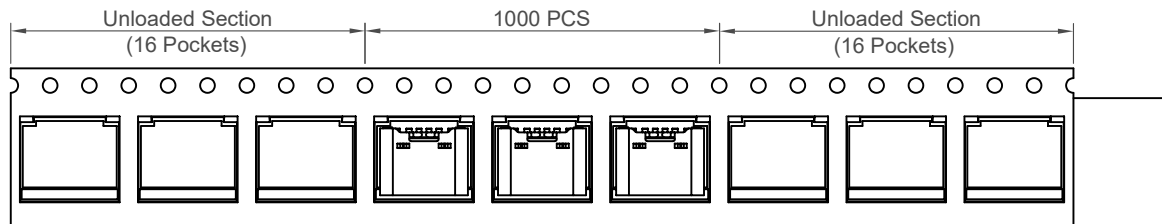
Request Samples
and Quotation

Shell Stake Length "S"
Blank = 1.00mm
0190 = 1.90mm

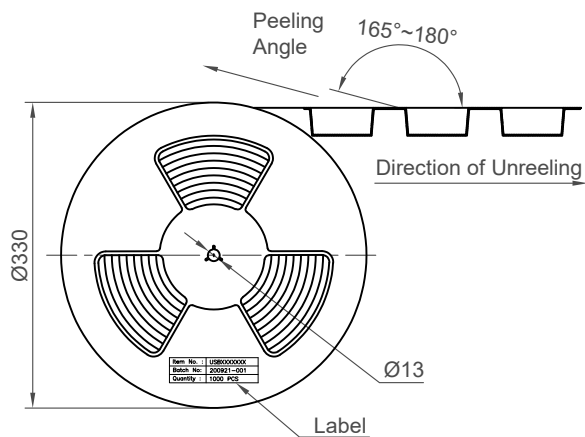


Part Number USB4125			Product Description Type C Receptacle, Horizontal, SMT, For Power Charging Only		
Drawing Date 28th September 2020					
By Detail	CC Drawing Release	Tolerances (Except as Noted) Length X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.10	Angle -	Units: Metric (mm)	
Revision Date	A5 13/01/25				
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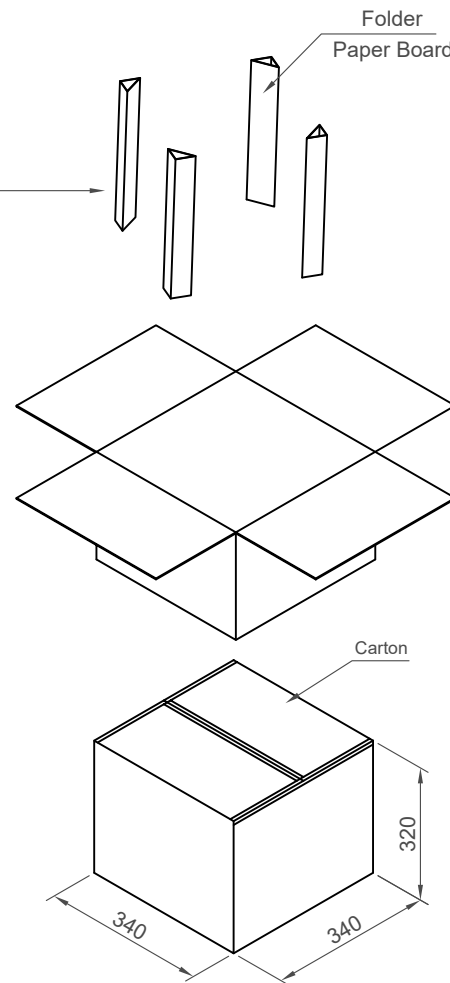
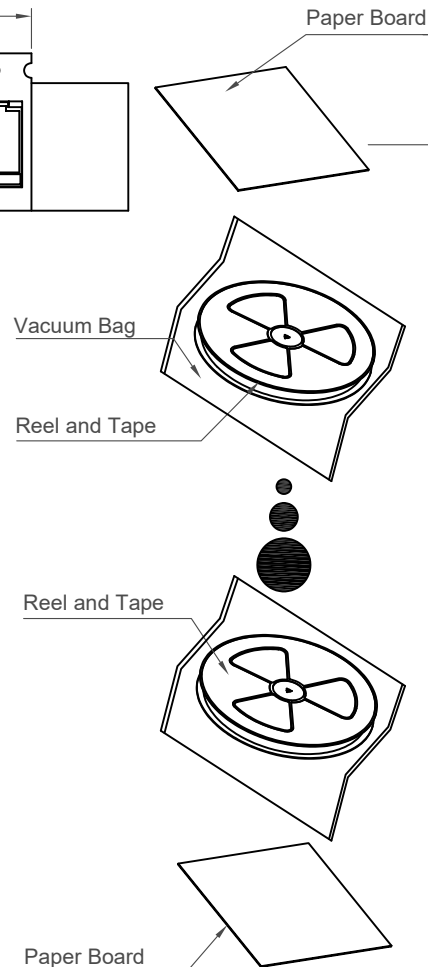
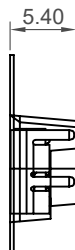
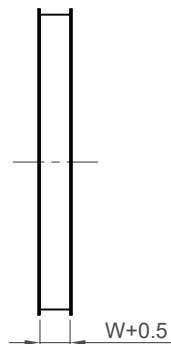
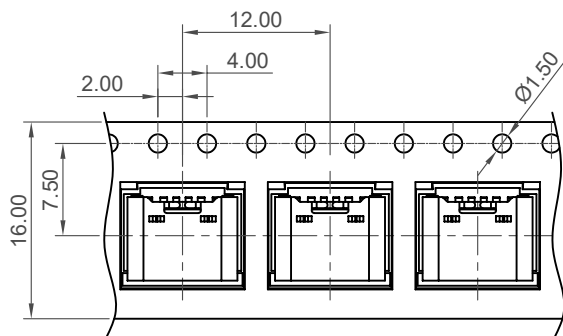
H
G
F
E
D
C
B
A



Direction of Unreeling



Direction of Unreeling



Pcs / Reel	Reels / Carton	Total Quantity
1000	13	13,000 pcs

Part Number		Product Description	
USB4125		Type C Receptacle, Horizontal, SMT,	
Drawing Date		For Power Charging Only	
28th September 2020			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A5	Angle	
Date	13/01/25		



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