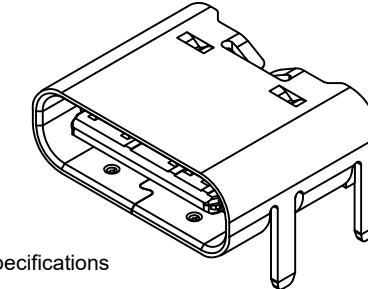


Pin	Signal	Mating Sequence
A5	CC1	Second
A9	Vbus	First
A12	GND	First
B5	CC2	Second
B9	Vbus	First
B12	GND	First
SHELL		GND



Specifications

Material

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

Plating

Contact:

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

Electrical

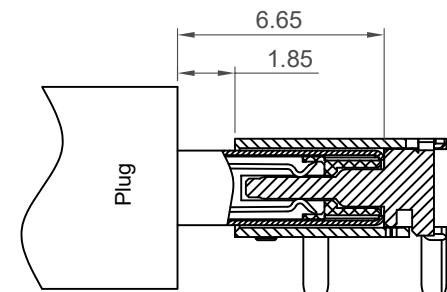
Current Rating: 3.00A collectively for Vbus pins
 4.25A collectively for GND pins
 1.25A for A5/B5 pin

Voltage Rating: 48V DC

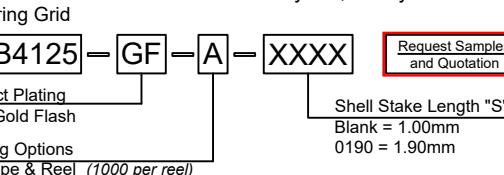
Contact Resistance: 40mΩ max initial.
 50mΩ max after test
 Dielectric Withstanding Voltage: 100V AC
 Insulation Resistance 100MΩ min

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



Plug and Receptacle Mating View

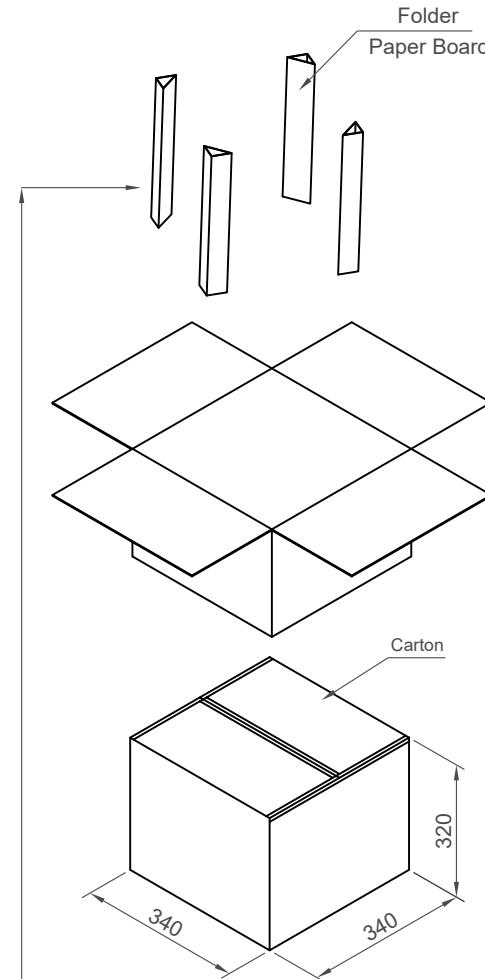
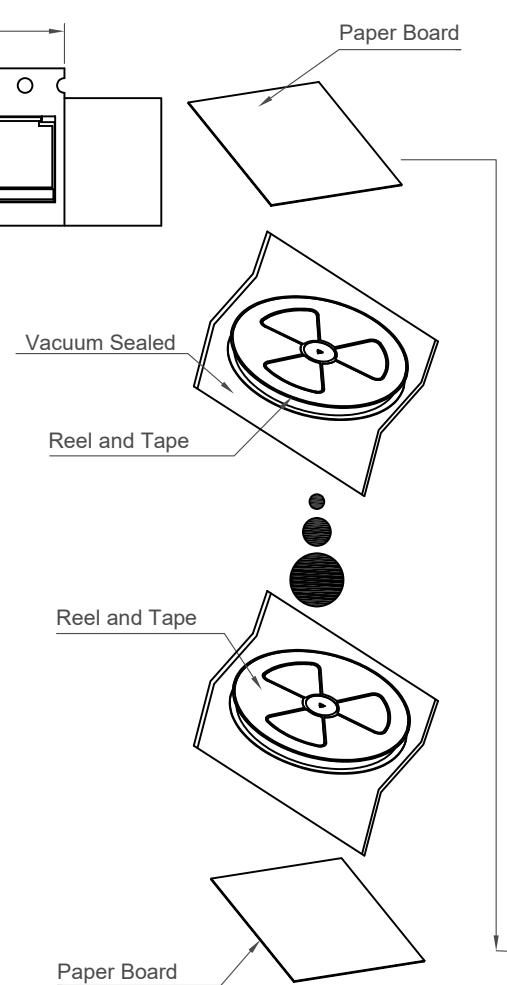
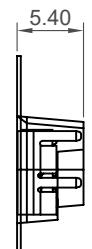
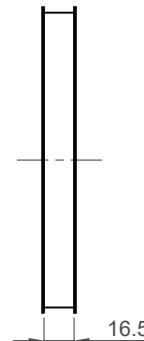
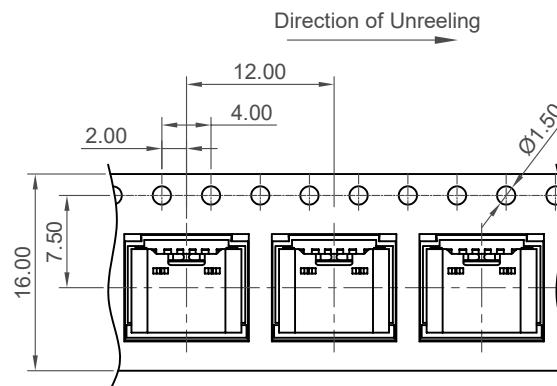
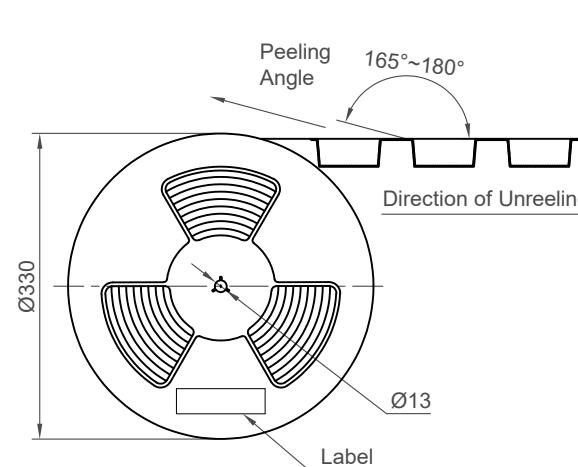
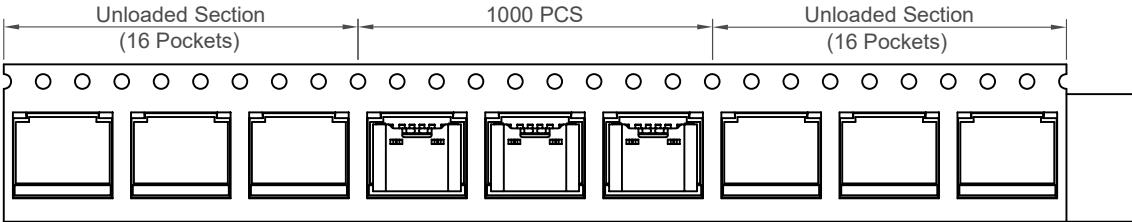


Part Number	Product Description		
USB4125	Type C Receptacle, Horizontal, SMT, For Power Charging Only		
Detail	KY	Tolerances (Except as Noted)	Units: Metric (mm)
		X.X ± 0.30	
Revision	A6	XXX ± 0.25	
Date	20/11/25	XXXX ± 0.10	
		-	
			3rd Angle Projection
			This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

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



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

Part Number	Product Description		
USB4125	Type C Receptacle, Horizontal, SMT, For Power Charging Only		
Drawing Date	28th September 2020		
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length Angle	Metric (mm)
Revision	A6	-	3rd Angle Projection
Date	20/11/25		

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

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