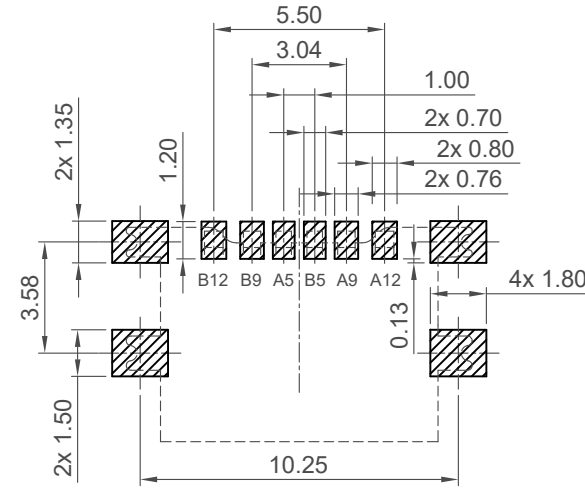
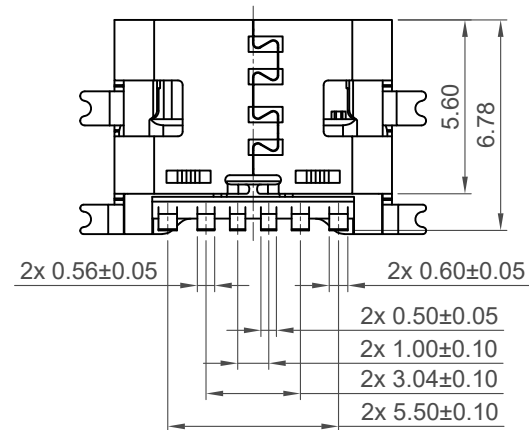
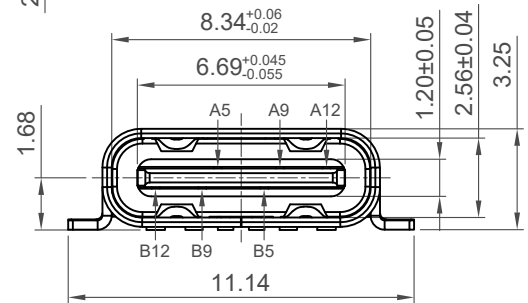
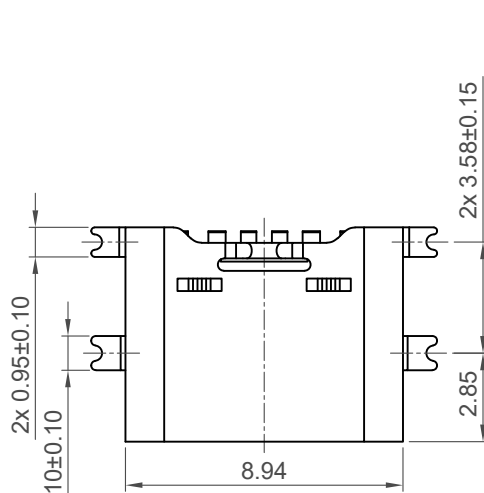


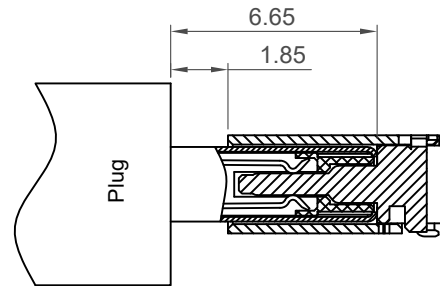
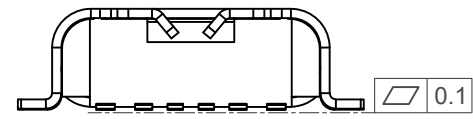
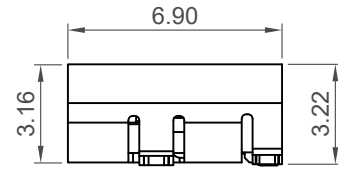
H
G
F
E
D
C
B
A



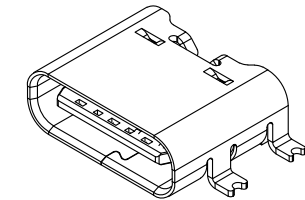
Recommended PCB Layout

Tolerance: ±0.05mm

■ Solder Area □ Component Outline



Plug and Receptacle Mating View



Pin	Signal	Mating Sequence
A5	CC1	Second
A9	V _{bus}	First
A12	GND	First
B5	CC2	Second
B9	V _{bus}	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
Shell: 50μ" min. Nickel
Middle Plate: Cleaning

Electrical

Current Rating: 3.00A collectively for V_{BUS} 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: 20,000 cycles






Ordering Grid

USB4135 - GF - A

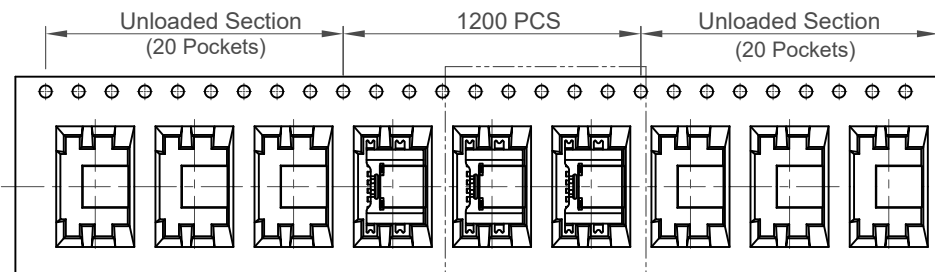
Request Samples and Quotation

Contact Plating
GF = Gold Flash

Packing Options
A = Tape & Reel
(1200 per reel)

Part Number			Product Description							
USB4135										
Drawing Date										
21st January 2022										
Type C Receptacle, Horizontal, SMT, For Power Charging Only										
By	CC	Tolerances (Except as Noted)		Units:			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)						
		X.X ± 0.30	-							
		X.XX ± 0.25								
Revision	A	X.XXX ± 0.10		3rd Angle Projection						
Date	21/01/22							Not to Scale	Drawn By CC	Sheet No. 1/2

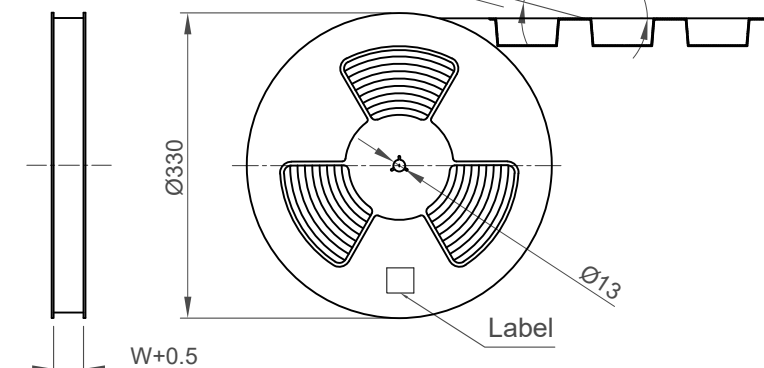




Direction of Unreeling

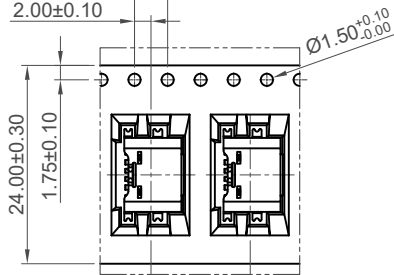
Detail E

Peeling Angle
165°~180°

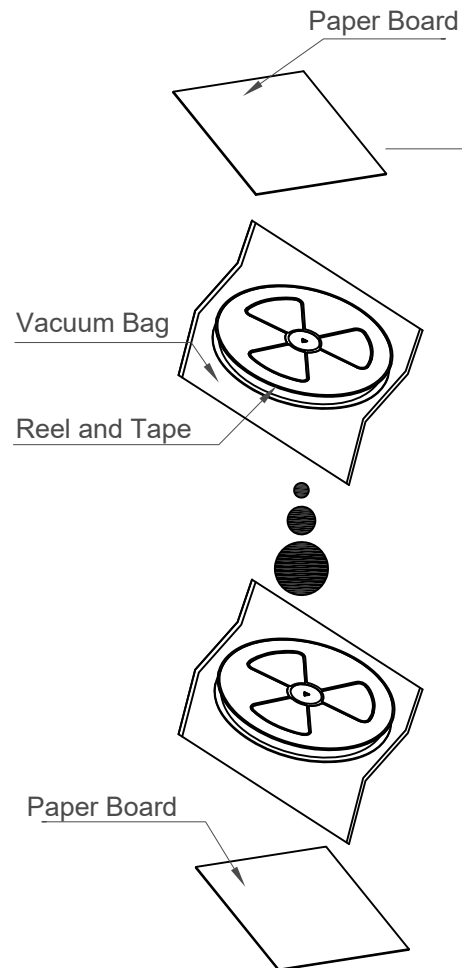


Direction of Unreeling

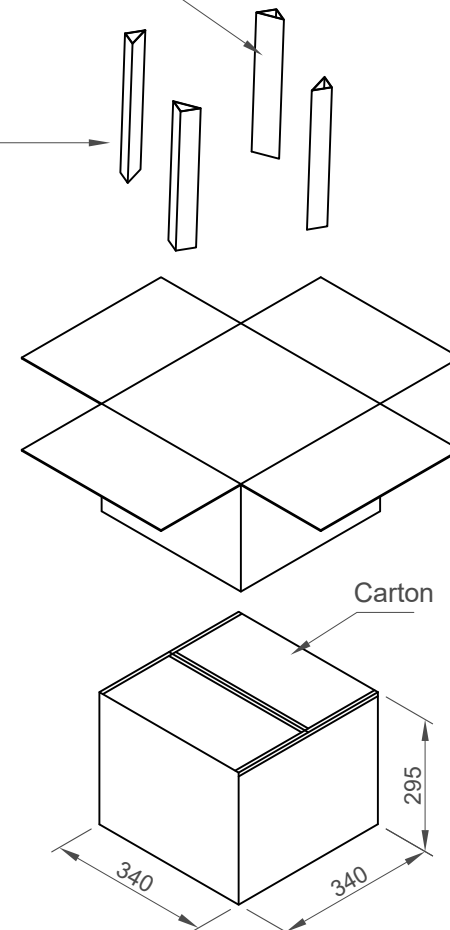
4.00±0.10
2.00±0.10



Detail: E



Folder Paper Board



Pcs / Reel	Reels / Carton	Total Quantity
1200	9	10800 pcs

Part Number USB4135		Product Description Type C Receptacle, Horizontal, SMT, For Power Charging Only	
Drawing Date 21st January 2022			
By CC	Drawing Release	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail		X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.10	
Revision Date	A 21/01/22		



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2/2

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