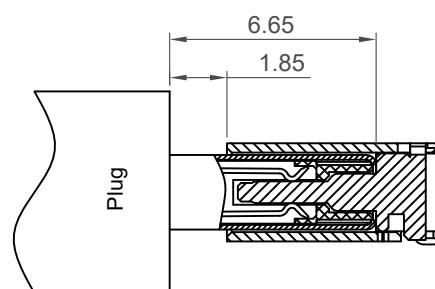
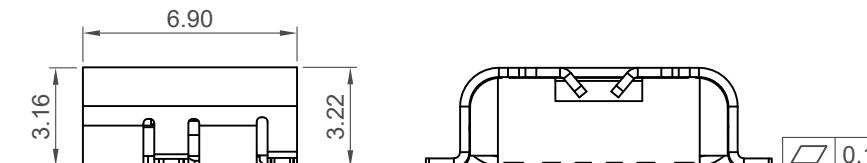
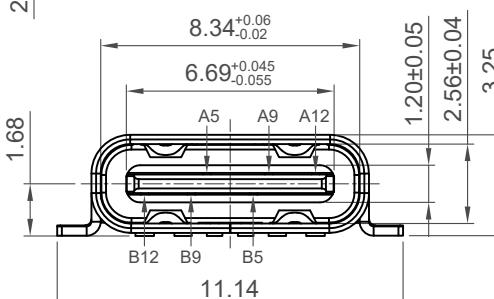


Recommended PCB Layout

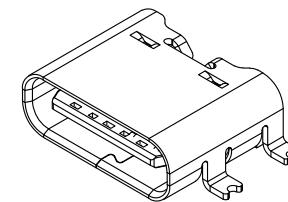
Tolerance:  $\pm 0.05\text{mm}$

■ 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



Plug and Receptacle Mating View



#### Specifications

##### Material

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

##### Plating

Contact: Gold Flash  
Shell: 50 $\mu\text{m}$  min. Nickel  
Middle Plate: Cleaning

##### 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: 40m $\Omega$  max initial.  
50m $\Omega$  max after test

Dielectric Withstanding Voltage: 100V AC  
Insulation Resistance 100M $\Omega$  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)

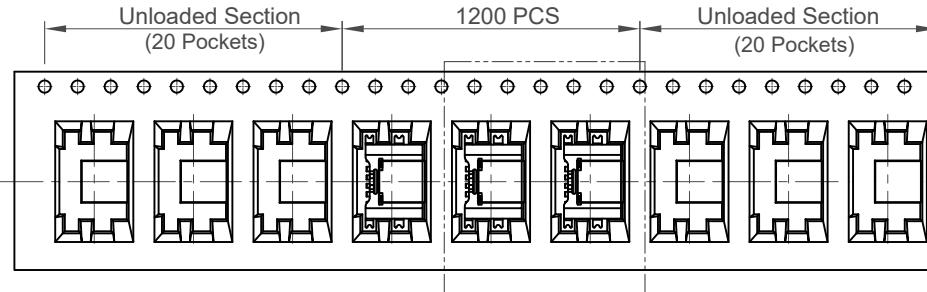
Part Number	Product Description		
USB4135	Type C Receptacle, Horizontal, SMT, For Power Charging Only		
Drawing Date	21st January 2022		
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length X.XX ± 0.30	Metric (mm)
Revision	A	XXX ± 0.25	-
Date	21/01/22	XXXX ± 0.10	3rd Angle Projection

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

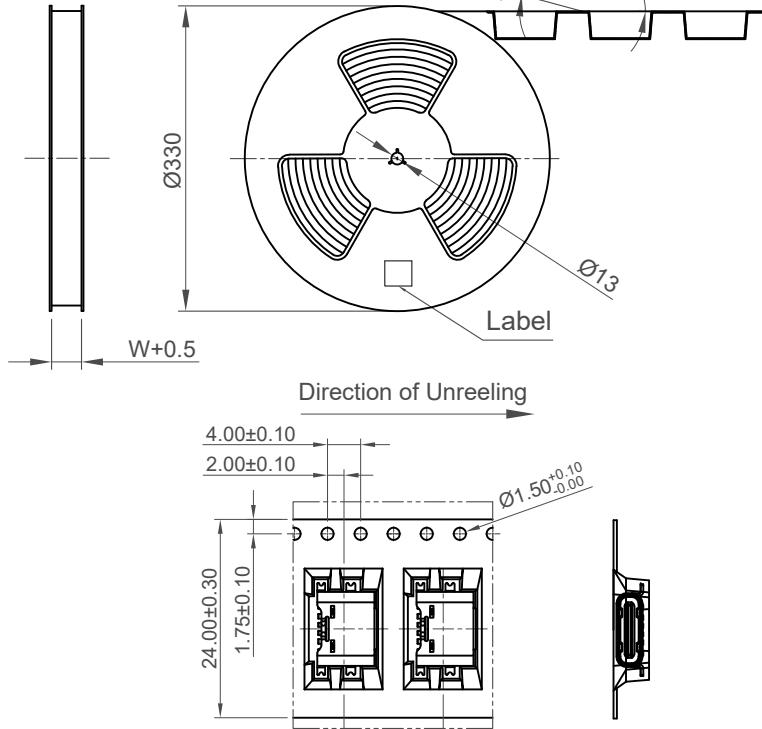
1 2 3 4 5 6 7 8



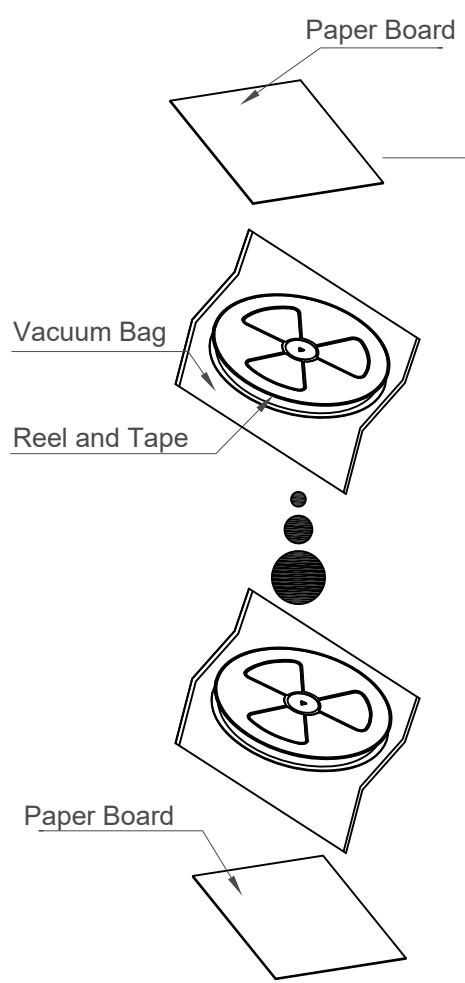
Direction of Unreeling

Peeling Angle  $165^\circ \sim 180^\circ$

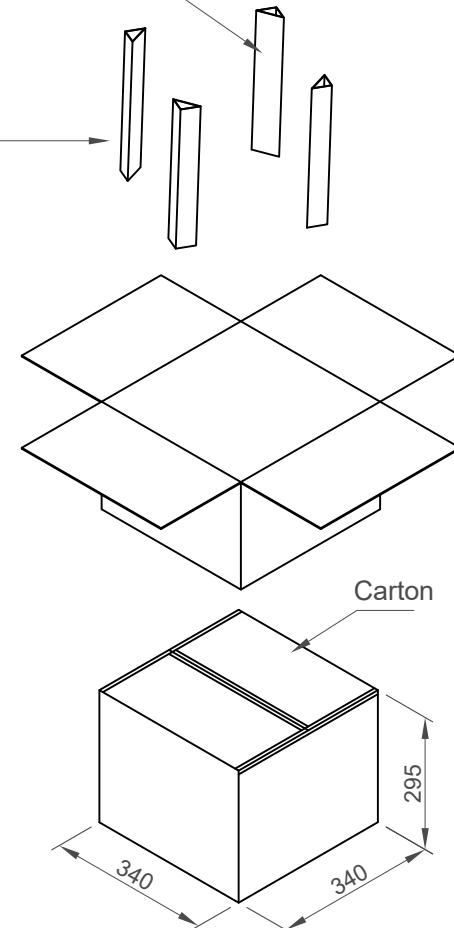
5°~180°



### Detail: B



## Folder Paper Board



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

Part Number		Product Description				Drawing Information	
USB4135		Type C Receptacle, Horizontal, SMT, For Power Charging Only				Rev. A	
Drawing Date						01/10/2022	
21st January 2022							
By	CC	Tolerances (Except as Noted)	Length	Angle	Units: Metric (mm)	Approved	Comments
Detail	Drawing Release	X.XX ± 0.30	X.XX ± 0.25	-	Metric (mm)		 RoHS COMPLIANT 2011/65/EU Deca-SOE ✓
Revision	A	X.XXX ± 0.10					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
Date	21/01/22						

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