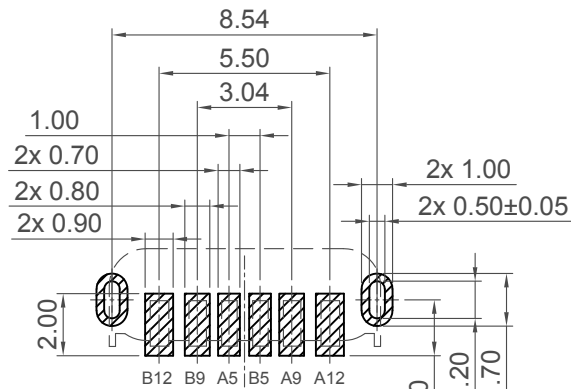
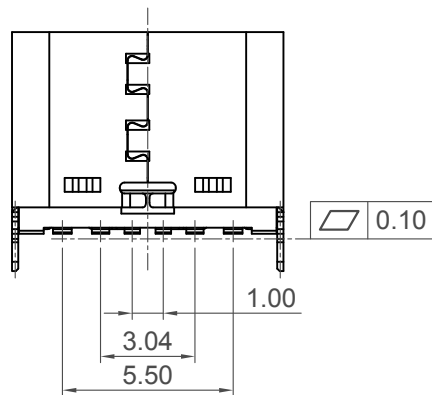
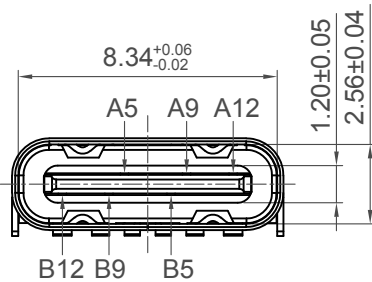
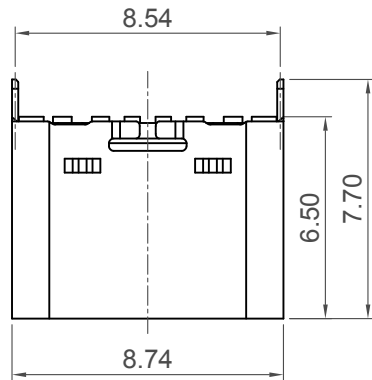
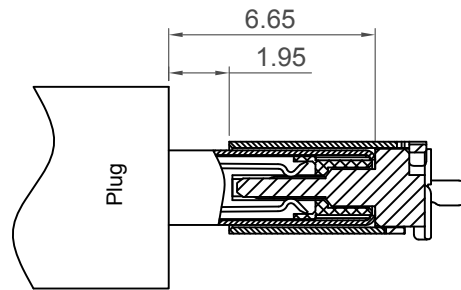
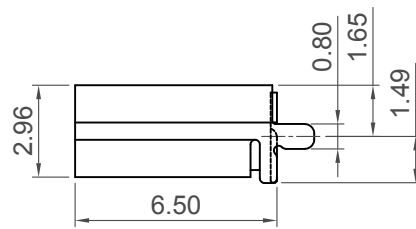




Recommended PCB Layout
Thickness 1.00 to 1.20
Tolerance: $\pm 0.05\text{mm}$

Solder Area Component Outline



Plug and Receptacle Mating View

Ordering Grid

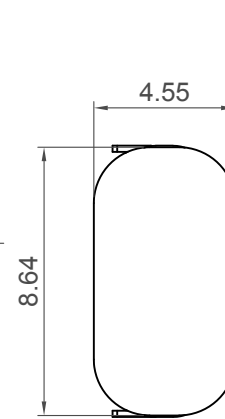
USB4130 = GF = C

Contact Plating
GF = Gold Flash

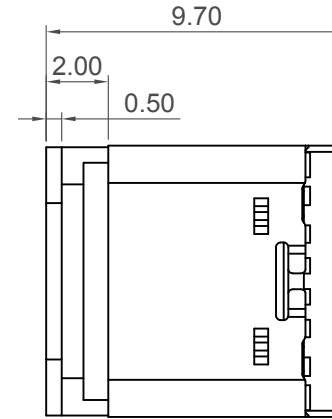
Request Samples
and Quotation

Packing Options

C = Tape & Reel With Cap (600 per reel)



Cap Information



Specifications

Material

Insulator: LCP, UL 94V-0, Black

Contact: Copper Alloy

Shell: Stainless Steel

Middle Plate: Stainless Steel

Plating

Contact

Contact Area: Gold Flash

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

Shell: 50u" 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: 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

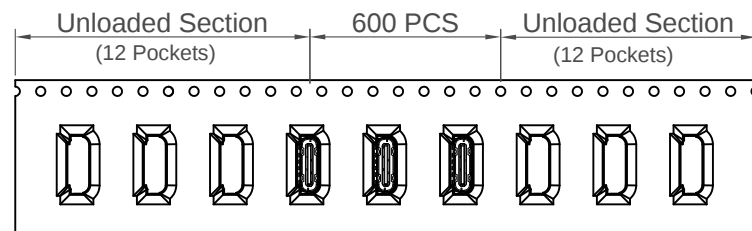
Pin	Signal	Mating Sequence
A5	CC1	Second
A9	Vbus	First
A12	GND	First
B5	CC2	Second
B9	Vbus	First
B12	GND	First
SHELL	GND	

Part Number	USB4130
Drawing Date	26th November 2020
By	CC
Detail	Drawing Release
Revision	A
Date	01/12/20

Product Description	USB Type C Receptacle, Vertical, SMT, For Power charging only
Tolerances (Except as Noted)	Length: X.X ± 0.30 Angle: X.XX ± 0.25 X.XXX ± 0.10
Units:	Metric (mm)
Units:	3rd Angle Projection
RoHS COMPLIANT	2011/65/EU
Deca-SIDE	
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	

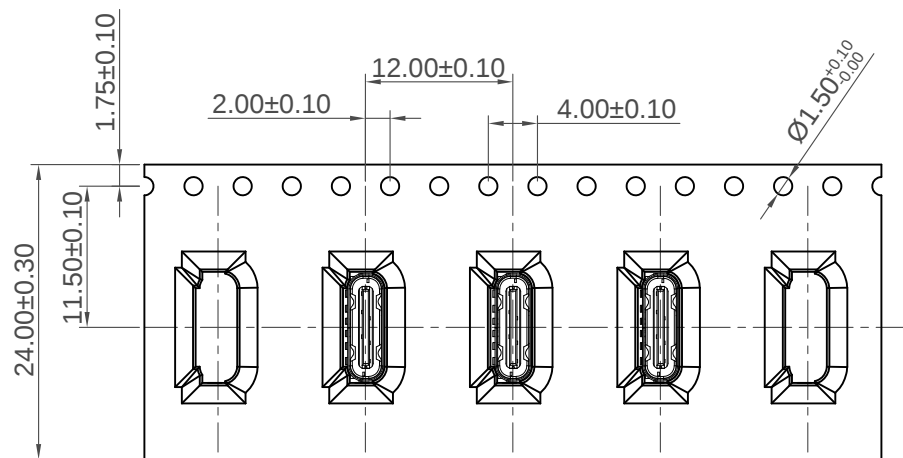
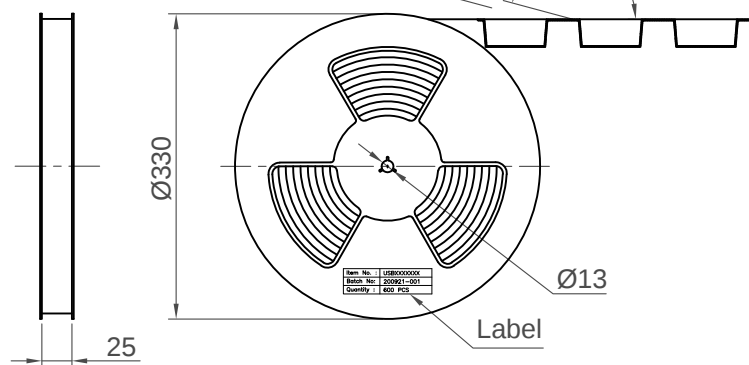
GCT
www.gct.co

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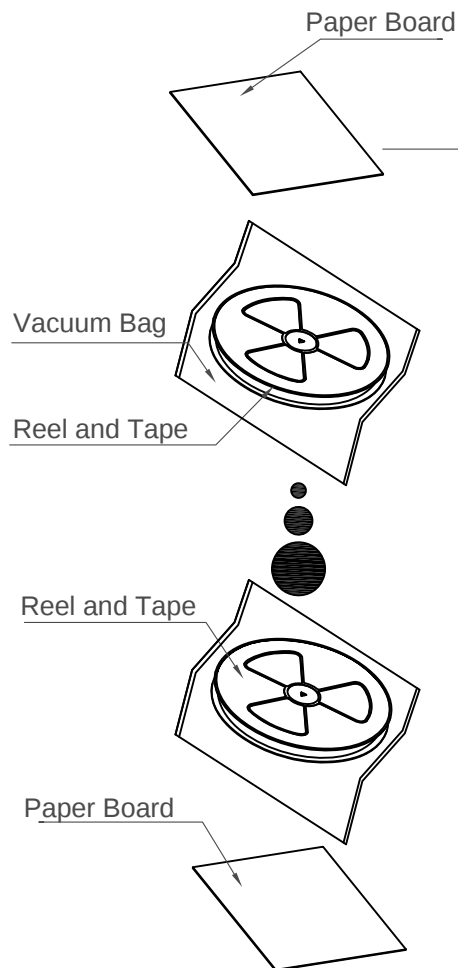
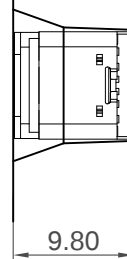


Direction of Unreeling

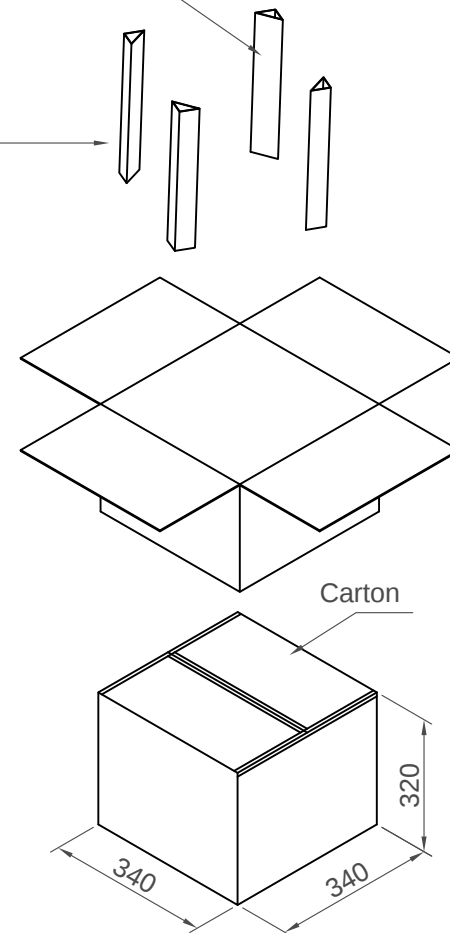
Peeling Angle 165°~180°



Direction of Unreeling



Folder Paper Board



Pcs / Reel	Reels / Carton	Total Quantity
600	10	6,000 pcs

Part Number		Product Description	
USB4130		USB Type C Receptacle, Vertical, SMT, For Power charging only	
Drawing Date			
20th November 2020			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	01/12/20		



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[USB4130-GF-C](#)