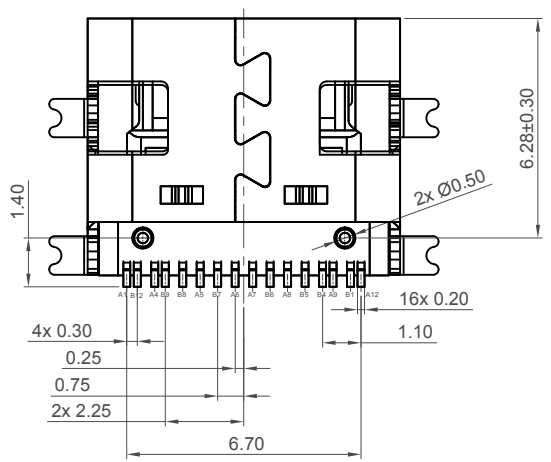
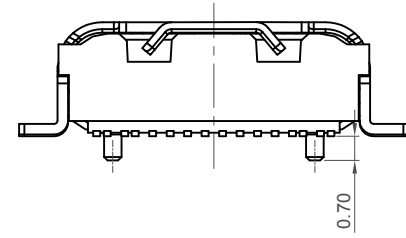
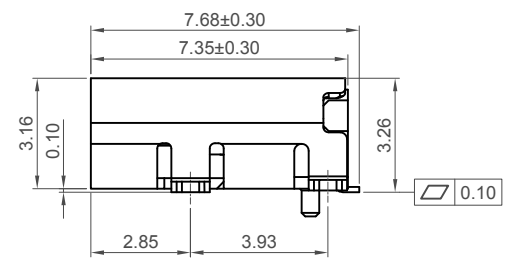
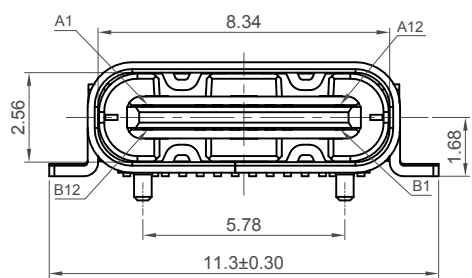


Recommended PCB Layout
As viewed from component side Tolerance: $\pm 0.05\text{mm}$
Solder Area Component Outline



Ordering Grid

USB4110 — **GF** — **A**

Request Samples and Quotation

Contact Plating
GF = Gold Flash

Packing Options
A = Tape & Reel
(1,200 per reel)

Pin	Signal	Mating Sequence	Pin	Signal	Mating Sequence
A1	GND	First	B12	GND	First
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

Specifications

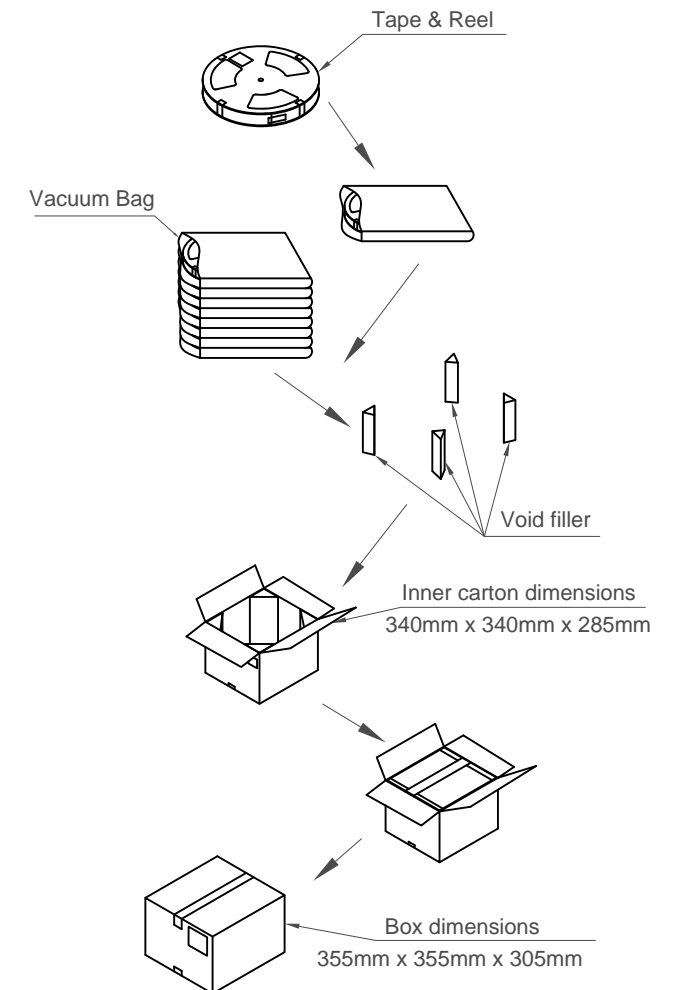
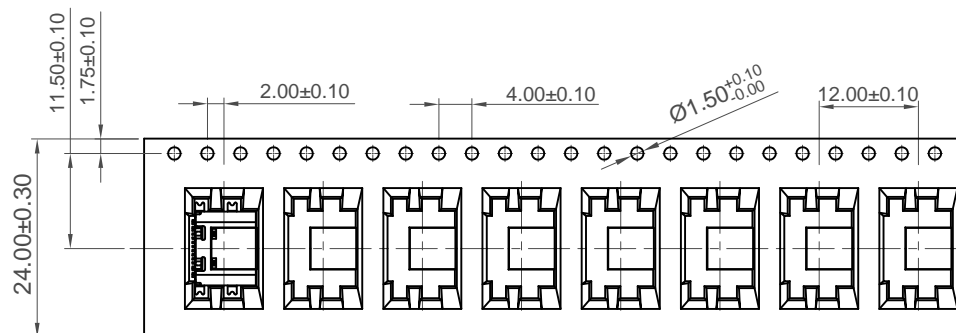
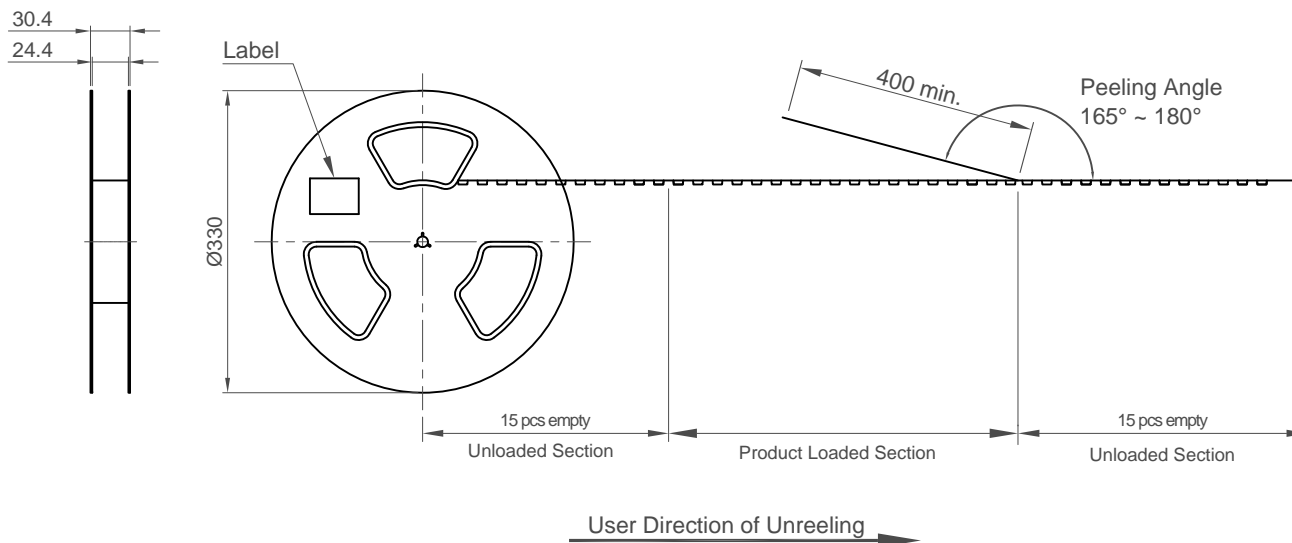
Material
Insulator: High Temp. Plastic UL 94V-0, Black
Contact: Copper Alloy (T=0.15mm)
Shell: Stainless steel (T=0.30mm)
Inner Ground Cover Shell: Stainless Steel (T=0.10mm)

Plating
Contact: Gold Flash over 50µ" min. Nickel
Solder Tails: Gold Flash over 50µ" min. Nickel
Shell: 50µ" min. Nickel

Electrical
Current Rating: 3.00A collectively for Vbus pins
4.25A collectively for GND pins
1.25A for B5 pin
0.25A per pin for all other pins
Voltage Rating: 20V DC
Contact Resistance: 40mΩ max initial.
50mΩ max after test
Dielectric Withstanding Voltage: 100V AC, 1 minute
Insulation Resistance: 100MΩ min

Mechanical & Environmental
Operating Temperature: -40°C to +85°C
Mating Force: 5 to 20 N.
Unmated Force: 6 to 20 N after test
Durability: 10,000 cycles

Part Number USB4110		Product Description USB Type C Receptacle for USB 2.0 SMT Type, PCB Top Mount	
Drawing Date 10th July 2019			
By CC	Drawing Release A	Tolerances (Except as Noted) Length X. ± 0.50 X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	Units: Metric (mm) 3rd Angle Projection
Revision Date	10/07/19	Angle ± 2°	
			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
			Not to Scale Drawn By CC Sheet No. 1/2



Notes:

Peeling off force of top tape: 0.1-1.3N (Peeling direction as shown)

Materials:





Carrier Tape: Polystyrene (PS)

Top Tape: PE

Reel Tape: Polystyrene (PS)

Bag: PE

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

Part Number		Product Description				 www.gct.co	
USB4110		USB Type C Receptacle for USB 2.0					
Drawing Date		SMT Type, PCB Top Mount					
10th July 2019							
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	Not to Scale	
Detail	Drawing Release	Length	Metric (mm)				 3rd Angle Projection
Revision	A	X. ± 0.50	± 2°				
Date	10/07/19	X.X ± 0.30					
		X.XX ± 0.20				Drawn By	
		X.XXX ± 0.10				CC	
						Sheet No.	
						2/2	