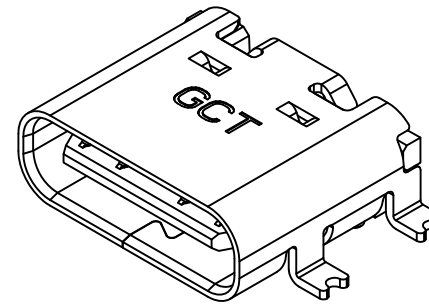
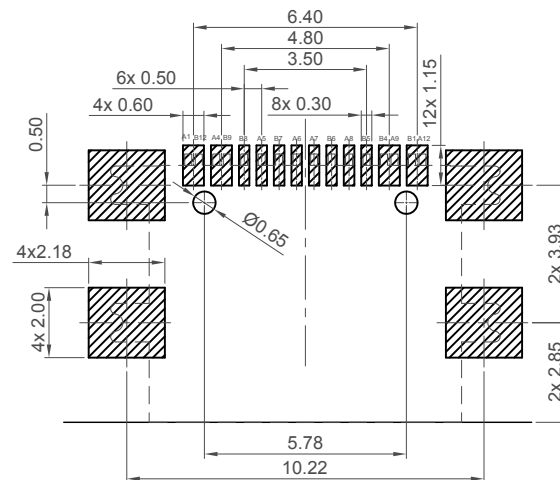
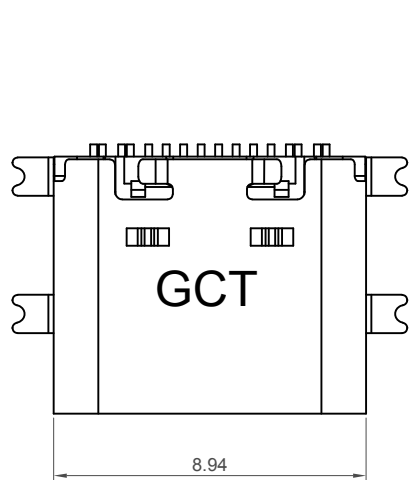
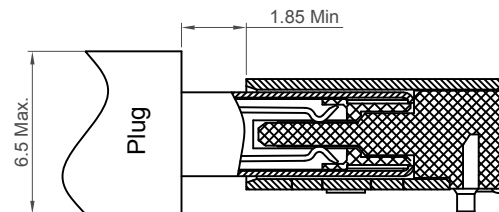
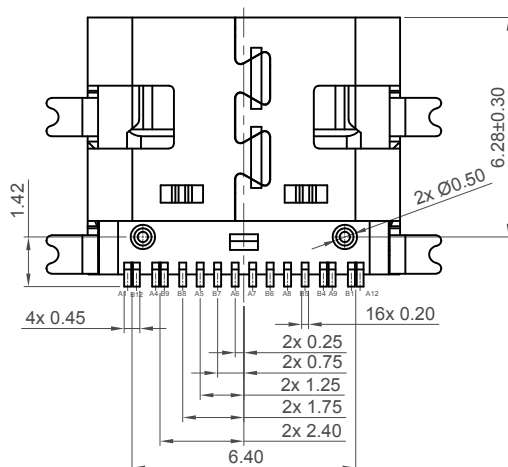
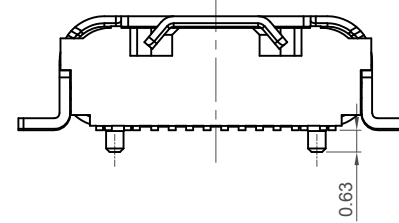
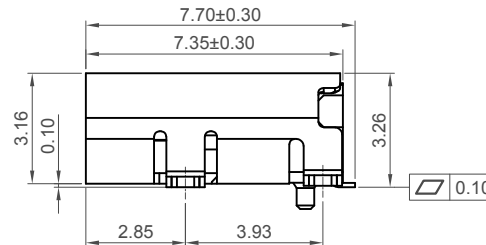
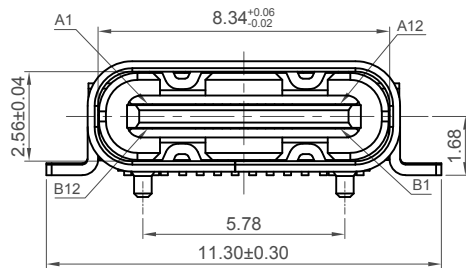




Recommended PCB Layout
As viewed from component side Tolerance: ±0.05mm
 Solder Area Component Outline



Plug and Receptacle Mating View

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
 Shell: Stainless steel
 Mid Plate: Stainless Steel

Plating

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

Electrical

Current Rating: 5.00A collectively for Vbus pins
 6.25A 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

Ordering Grid

USB4110 — **GF** — **A**

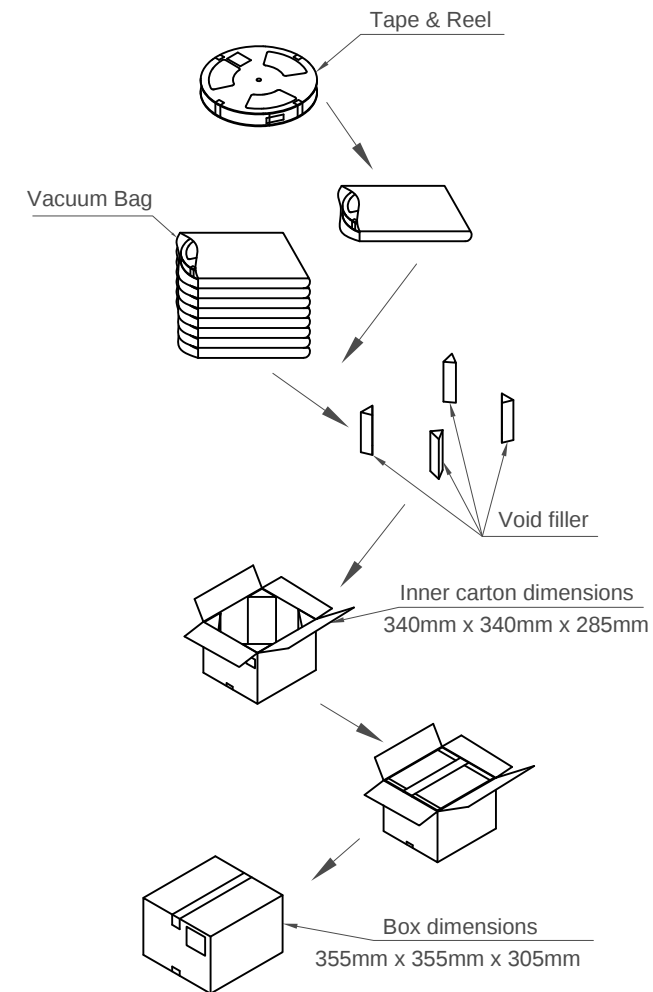
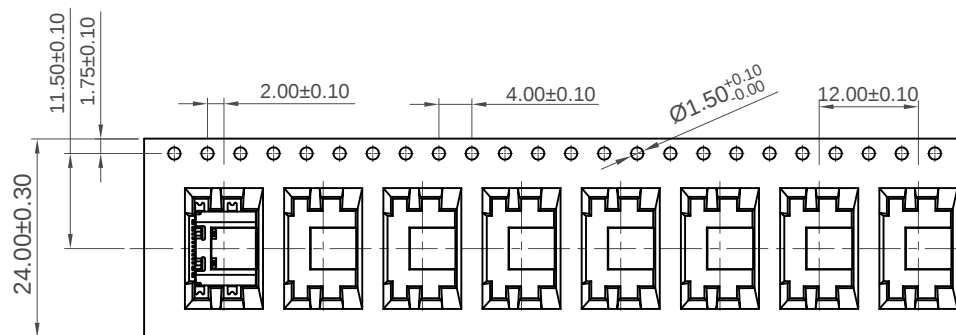
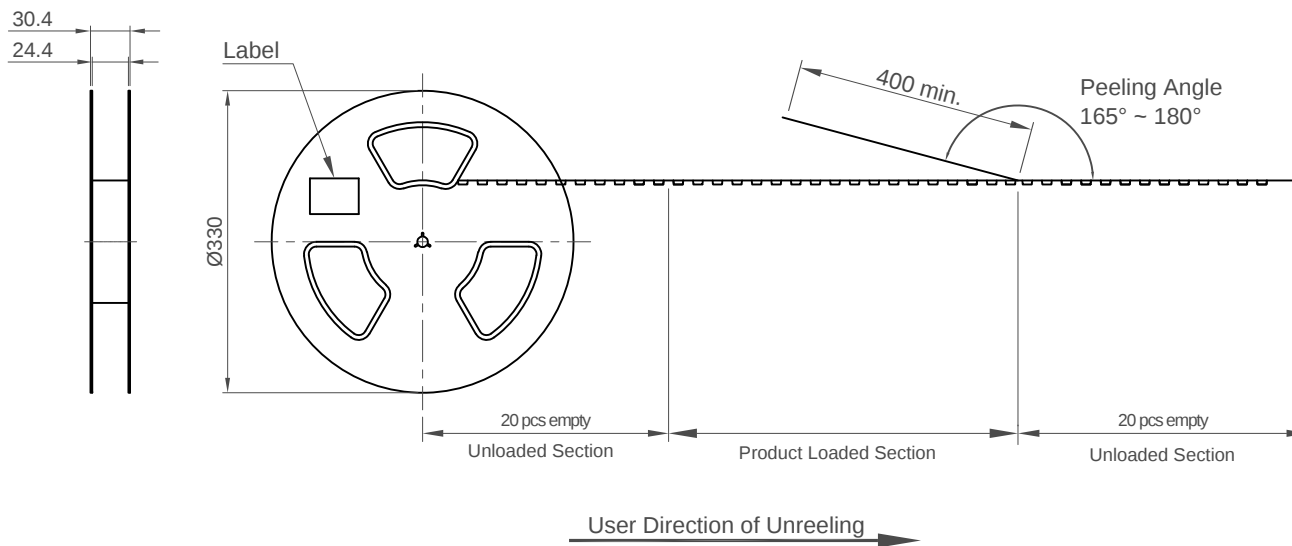
Contact Plating
 GF = Gold Flash

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

Part Number		Product Description				 www.gct.co		
USB4110		USB Type C Receptacle for USB 2.0 SMT Type, PCB Top Mount						
Drawing Date								
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			
Detail	USB4110 B PCN	Length	Angle	Metric (mm)				
Revision	B	X. ± 0.50	± 2°	 3rd Angle Projection				
Date	15/04/21	X.X ± 0.30						
		X.XX ± 0.20						
		X.XXX ± 0.10						
						Not to Scale	Drawn By CC	Sheet No. 1/2

GCT
 www.gct.co

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 USB4110		Product Description USB Type C Receptacle for USB 2.0 SMT Type, PCB Top Mount	
Drawing Date 10th July 2019			
By CC	Tolerances (Except as Noted) Length X. ± 0.50 X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	Angle ± 2°	Units: Metric (mm)
Detail USB4110 B PCN			
Revision B			
Date 15/04/21			
		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	
		www.gct.co	
		Not to Scale	Drawn By CC
			Sheet No. 2/2