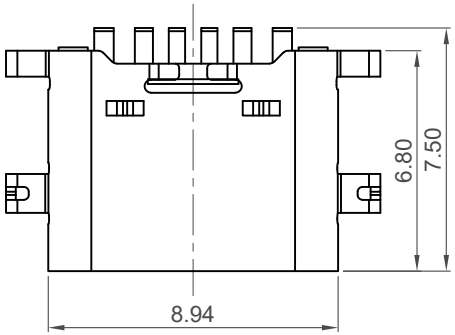
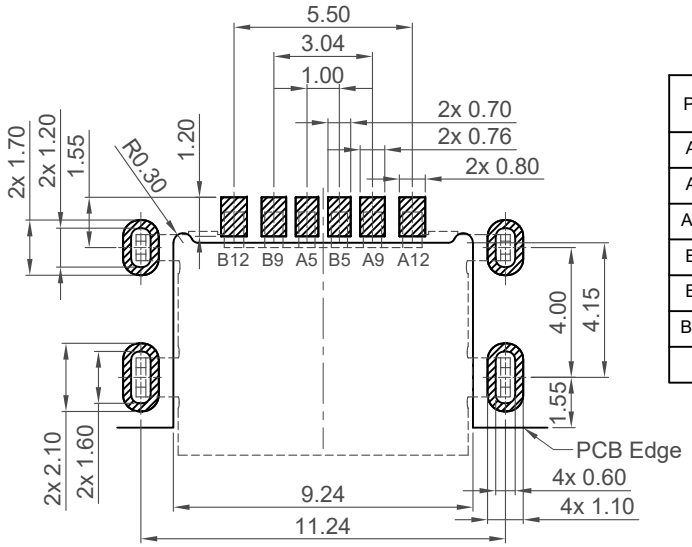
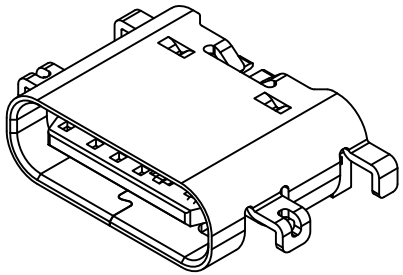




Recommended PCB Layout
Thickness=0.80mm
As viewed from component side *Tolerance:±0.05mm*
Solder Area Component Outline

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



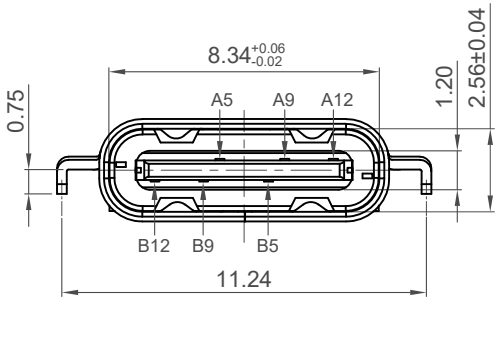
Specifications

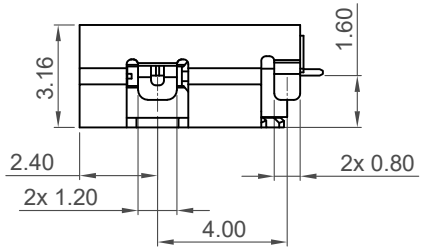
Material
Insulator: LCP, E130i, UL 94V-0, Black
Contact: Copper Alloy, C2680
Shell: Stainless steel , SUS201
Mid Plate:Stainless Steel, SUS301

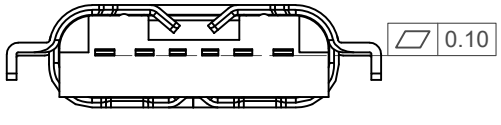
Plating
Terminal:
Contact Area: Gold Flash
Solder Tails: 50µ" min. Matte Tin
Underplating: 50µ" Min. Nickel Over All
Shell: 50µ" min. Nickel
Mid Plate: Cleaning

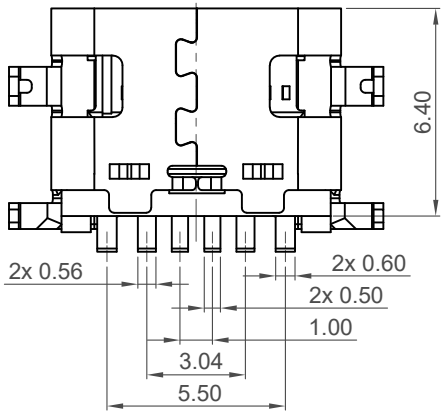
Electrical
Current Rating: 3.00A collectively for V_{BUS} pins
4.25A collectively for GND pins
1.25A for B5 pin
0.25A for A5 pin
Voltage Rating: 20V DC
Contact Resistance: 40mΩ max initial.
50mΩ max after test
Dielectric Withstanding Voltage: 100V AC
Insulation Resistance 100MΩ min

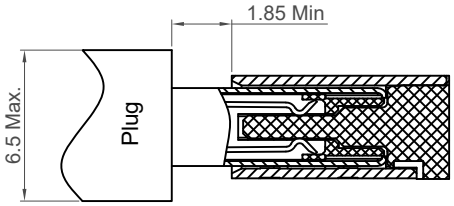
Mechanical & Environmental
Operating Temperature: -30°C to +85°C
Mating Force: 5 to 20 N.
Unmated Force: 6 to 20 N after test
Durability: 10,000 cycles











Plug and Receptacle Mating View

Ordering Grid

USB4515 — GF — A

Request Samples and Quotation

Contact Plating
GF = Gold Flash

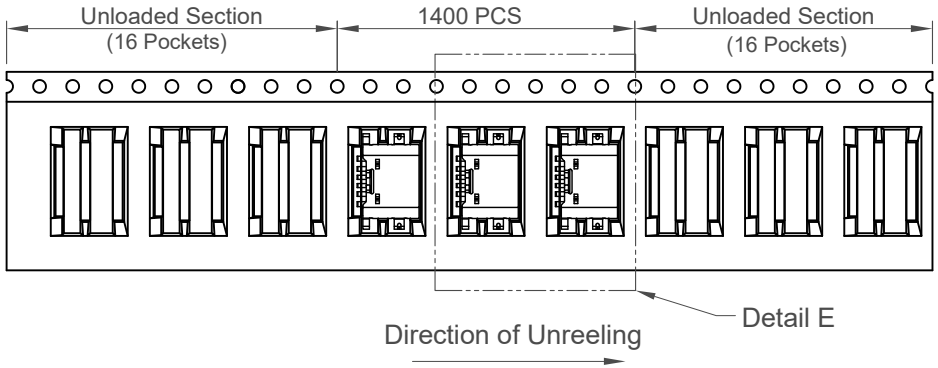
Packing Options
A = Tape & Reel
(1400 pcs/reel)

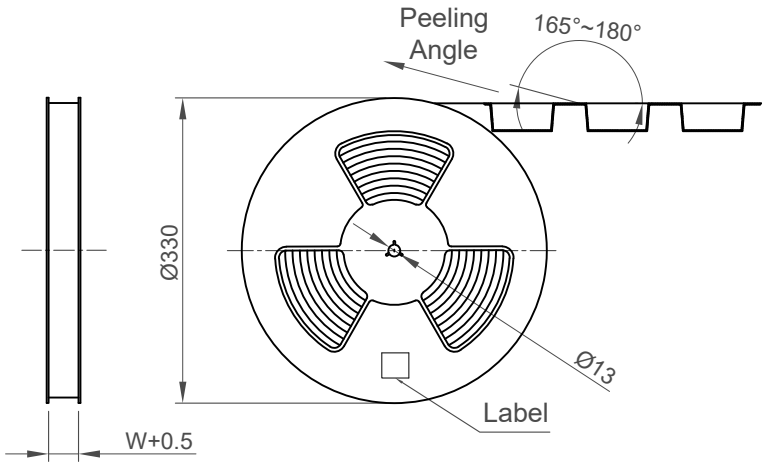
Part Number	Product Description
USB4515	USB Type C Receptacle, SMT Type, Mid Mount, 1.6mm Offset, For Power Charging Only
Drawing Date: 1st July 2021	

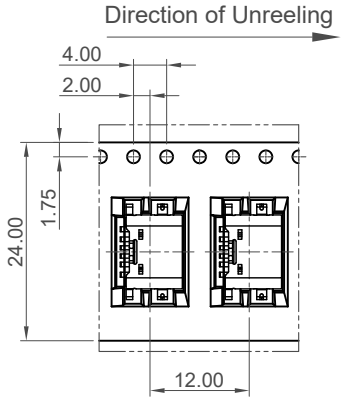
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	©	GCT www.gct.co
Detail	Drawing Release	X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	-	3rd Angle Projection			
Revision	A						
Date	01/07/21						

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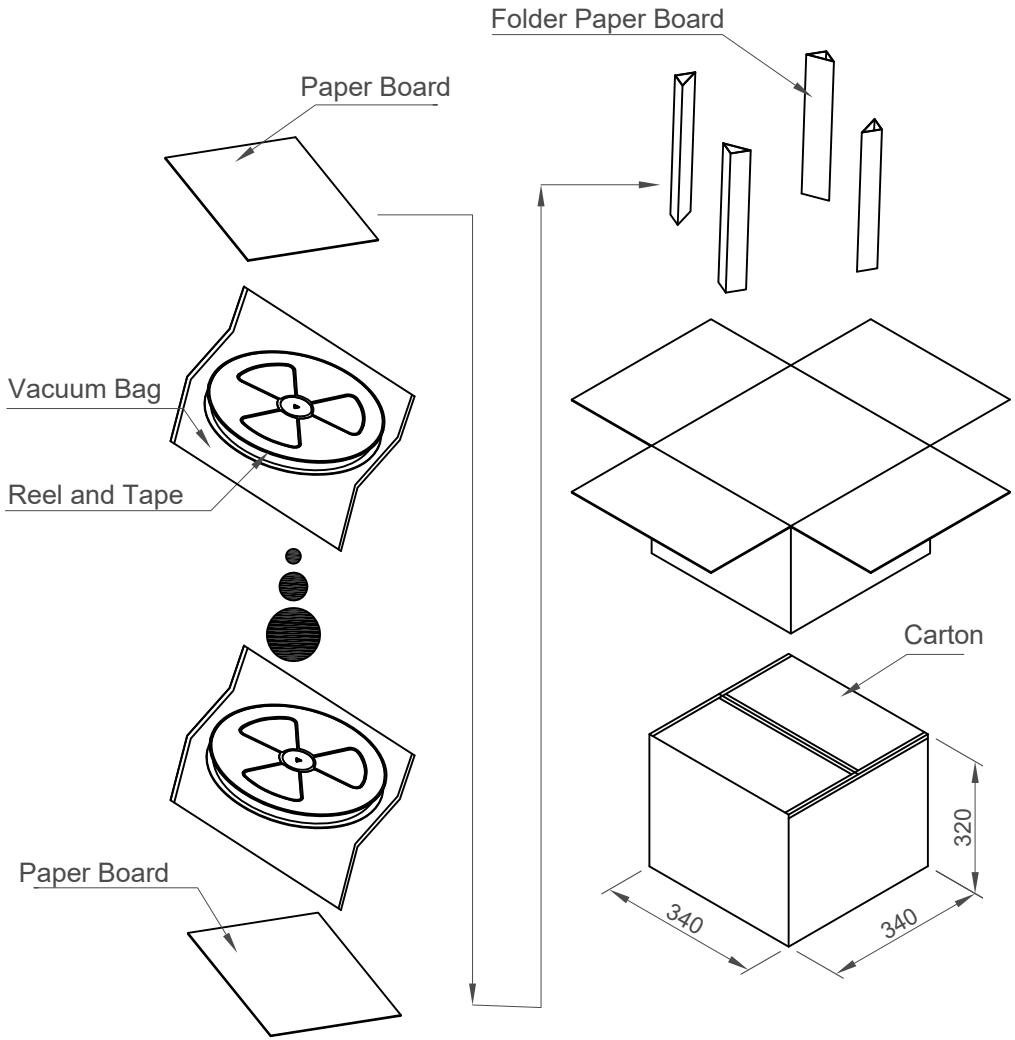
Not to Scale	Drawn By CC	Sheet No. 1/2







Detail: E



Pcs / Reel	Reels / Carton	Total Quantity
1400	10	14000 pcs

Part Number		Product Description					
USB4515		USB Type C Receptacle, SMT Type, Mid Mount, 1.6mm Offset, For Power Charging Only					
Drawing Date							
1st July 2021							
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	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
Detail	Drawing Release	-	-	3rd Angle Projection			
Revision	A						
Date	01/07/21						
							Not to Scale / Drawn By CC / Sheet No. 2/2