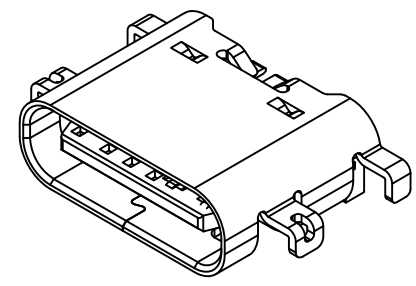


Pin	Signal	Mating Sequence
A5	CC1	Second
A9	Vbus	First
A12	GND	First
B5	CC2	Second
B9	Vbus	First
B12	GND	First
SHELL	GND	



**Specifications**

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

**Plating**

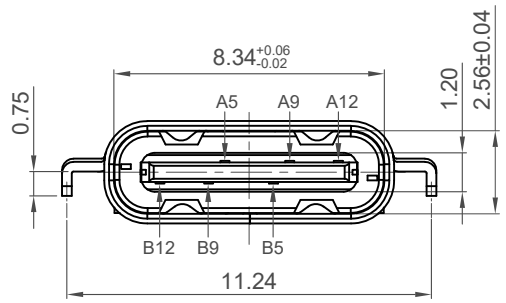
**Terminal:**  
 Contact Area: Gold Flash  
 Solder Tails: 50µ" min. Matte Tin  
 Underplating: 50µ" Min. Nickel Over All  
 Shell: 50µ" min. Nickel  
 Mid Plate: Cleaning

**Electrical**

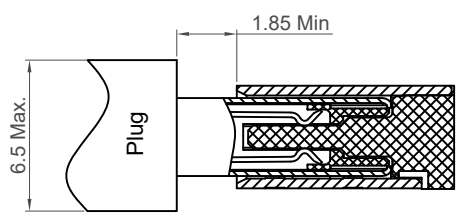
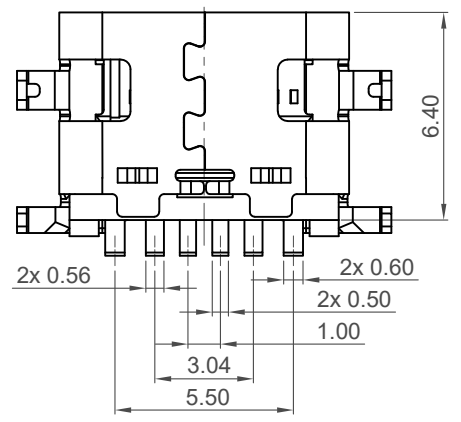
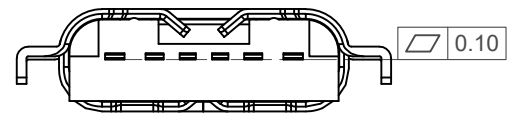
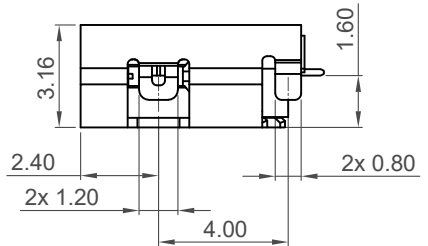
**Current Rating:** 3.00A collectively for Vbus pins  
 4.25A collectively for GND pins  
 1.25A for B5 pin  
 0.25A for A5 pin  
**Voltage Rating:** 20V DC  
**Contact Resistance:** 40mΩ max initial.  
 50mΩ max after test  
**Dielectric Withstanding Voltage:** 100V AC  
**Insulation Resistance:** 100MΩ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

**Mechanical & Environmental**

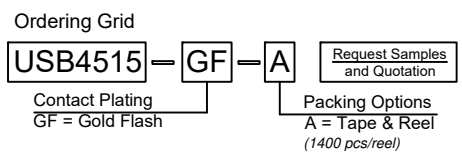
**Operating Temperature:** -30°C to +85°C  
**Mating Force:** 5 to 20 N.  
**Unmated Force:** 6 to 20 N after test  
**Durability:** 10,000 cycles



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



**Plug and Receptacle Mating View**



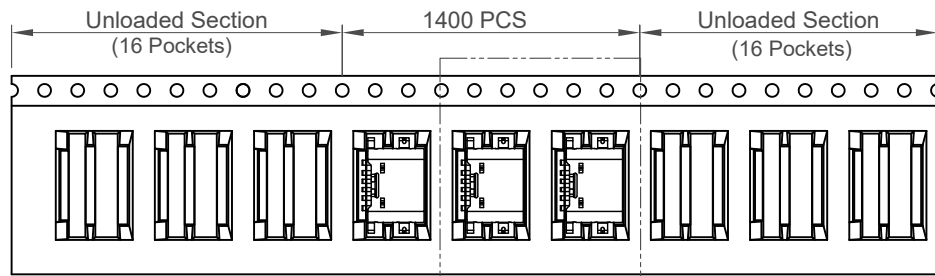
Part Number		Product Description	
USB4515		USB Type C Receptacle, SMT Type, Mid Mount, 1.6mm Offset, For Power Charging Only	
Drawing Date		1st July 2021	
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	Metric (mm)
Revision	A	Angle	-
Date	01/07/21	3rd Angle Projection	



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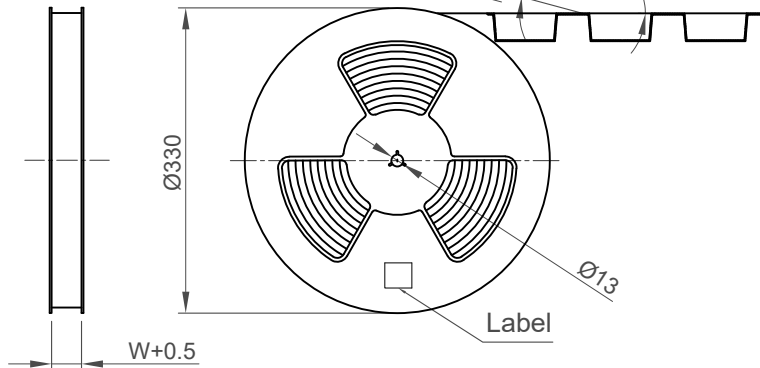
Not to Scale	Drawn By CC	Sheet No. 1/2
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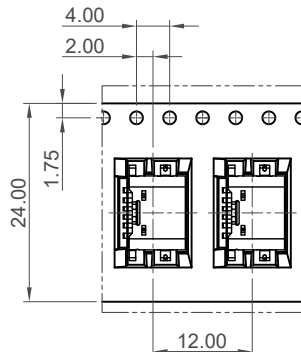
Direction of Unreeling

Detail E

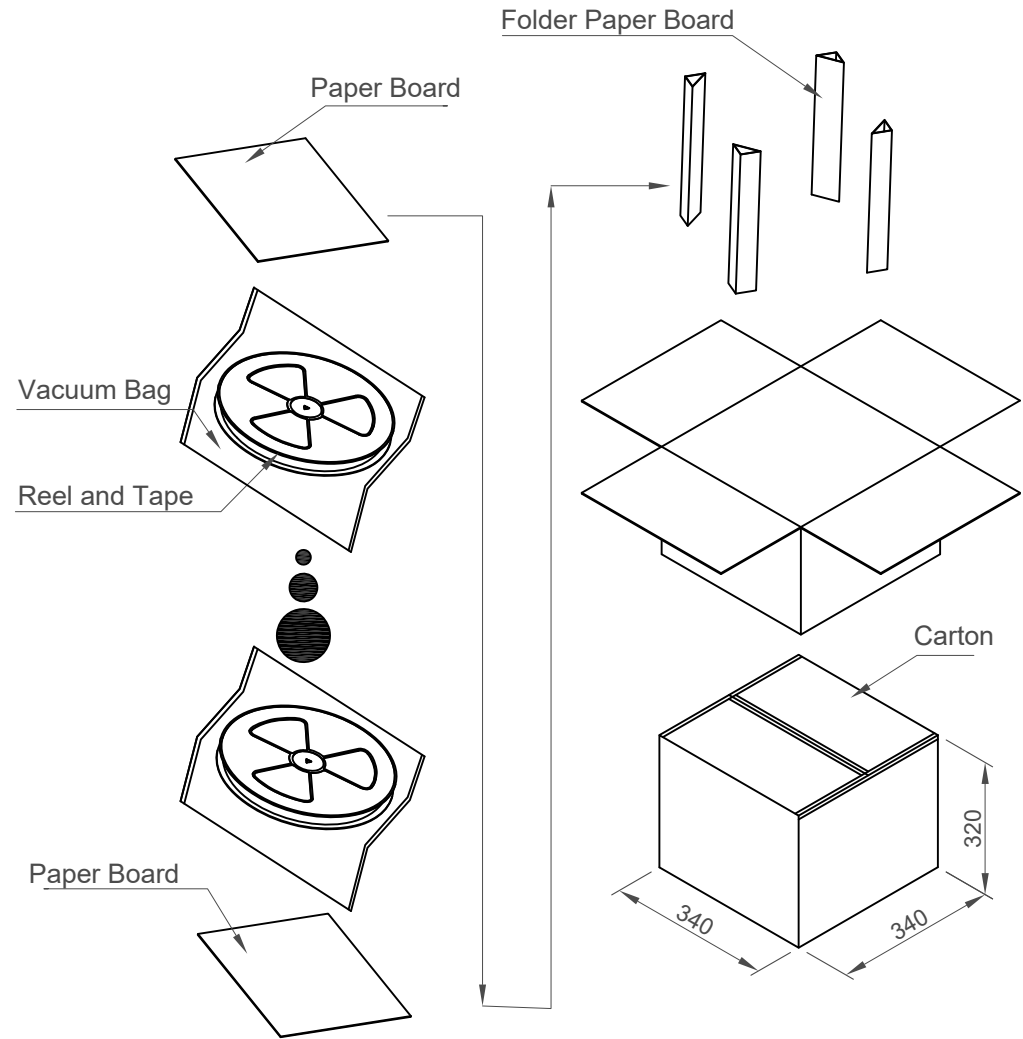
Peeling Angle 165°~180°



Direction of Unreeling



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)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	01/07/21		



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