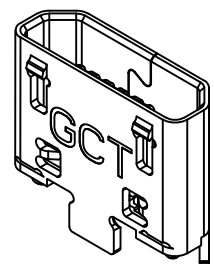
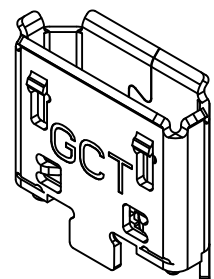
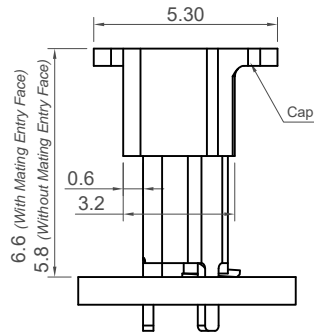
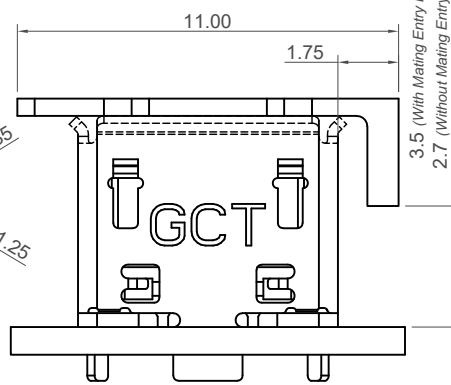
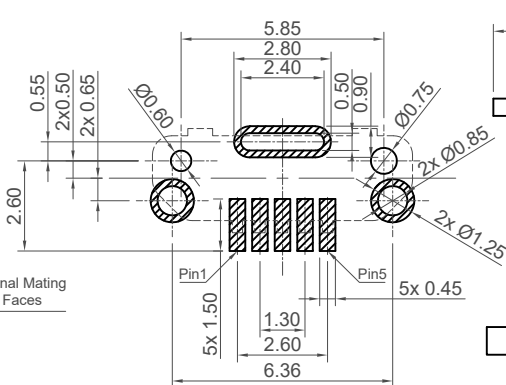
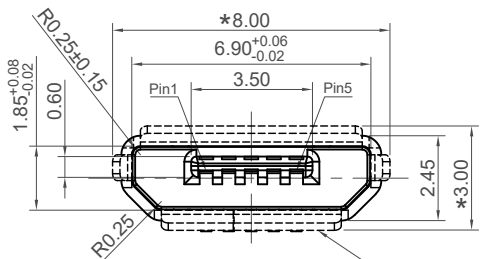
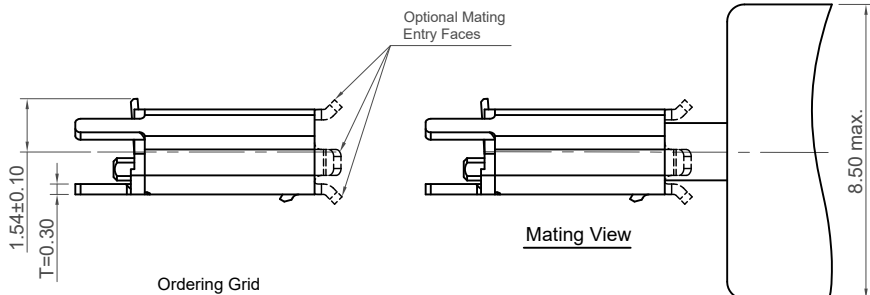
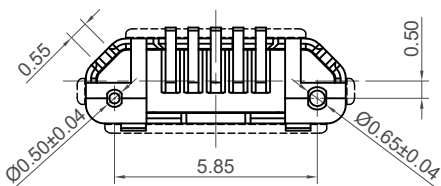
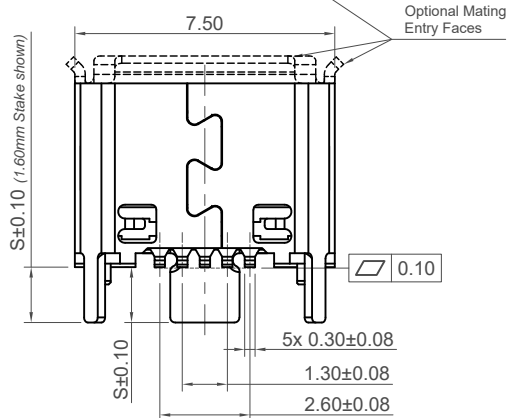


* Dimensions only applicable to parts with an optional mating entry face



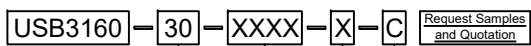
Recommended PCB Layout
As viewed from component side General tolerance: ±0.05
■ Solder Area □ Component Outline

PCB Mount & Cap Information



Mating View

Ordering Grid



Contact Plating

30 = 30µm Gold

Packing Options

C = Tape & Reel with Cap (500 per reel)

Shell Stake Length "S"

0070 = 0.60mm
0120 = 1.10mm (recommended for 0.80mm PCB)
0170 = 1.60mm (recommended for 1.00mm PCB)

Mating Entry Face

1 = With Mating Entry Face
0 = Without Mating Entry Face

Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0)

Specifications

Material

Plastic Housing: High Temp Plastic, UL94V-0, Black
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel.

Plating

Underplating: 50µm Nickel min
Finish: Contact Area: 30µm Gold
Solder Tails: Gold Flash
Metallic Shell: Matte Tin

Electrical

Voltage Rating : 30 V AC
Current Rating: Signal (Pins 2,3,4): 1.0 A.
Power (Pins 1,5): 2.8A.
Operating Temperature: -30°C to +85°C.
Contact Resistance: 30mΩ max.
Insulating Resistance: 1000MΩ min.
Dielectric Withstand Voltage: 100V AC/minute

Mechanical & Environmental

Mating Force: 35N max.
Unmating Force: 8N min.
Durability: 10,000 Cycles

Part Number		Product Description	
USB3160		Micro USB Receptacle, Type B, Surface Mount, Vertical, With Locating Peg & Through-Hole Shell Stakes	
Drawing Date		2nd November 2016	
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB3160 C PCN	Length X ± 0.50 X.X ± 0.30 X.XX ± 0.20	Metric (mm)
Revision	C3	Angle ± 2°	3rd Angle Projection
Date	31/12/21	X.XXX ± 0.10	

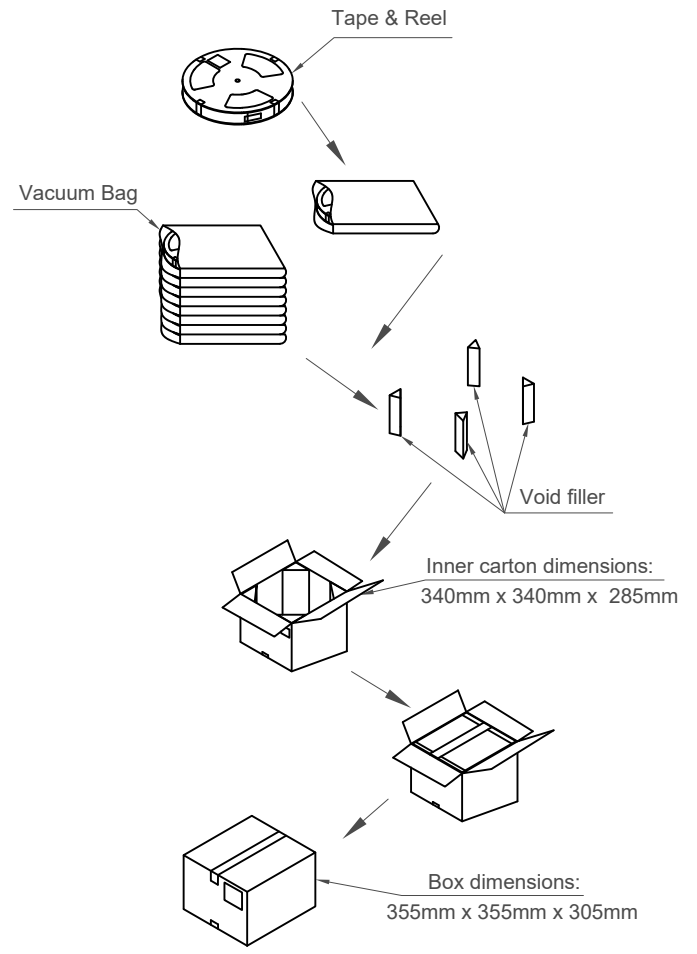
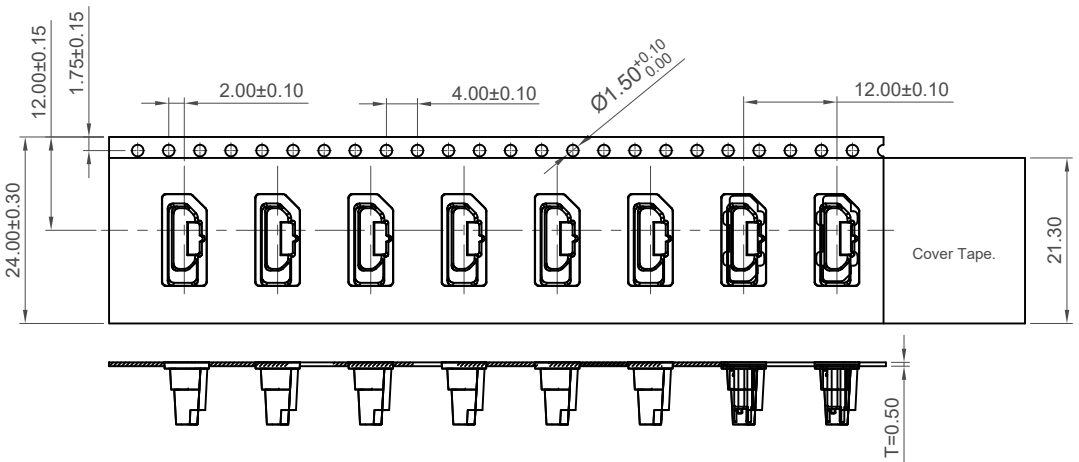
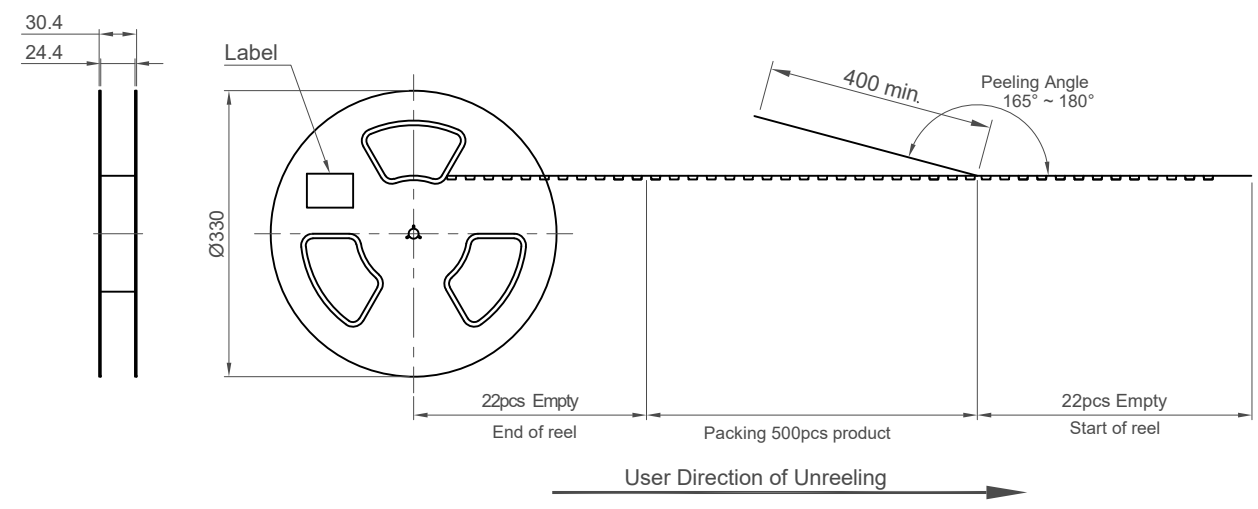


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H
G
F
E
D
C
B
A



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 Quantity
500	9	4500 pcs

Part Number		Product Description	
USB3160		Micro USB Receptacle, Type B, Surface Mount, Vertical, With Locating Peg & Through-Hole Shell Stakes	
Drawing Date		2nd November 2016	
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB3160 C PCN	Length X. ± 0.20 X.X ± 0.15 X.XX ± 0.10 X.XXX ± 0.05	Metric (mm)
Revision	C3	Angle	± 2°
Date	31/12/21	3rd Angle Projection	



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