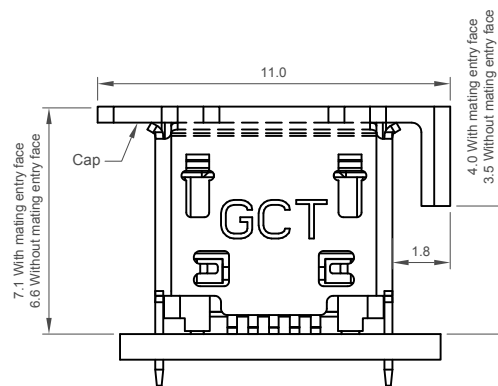
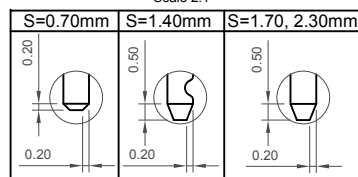
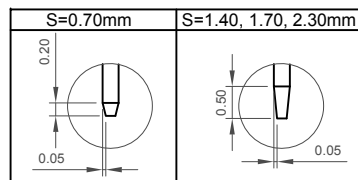
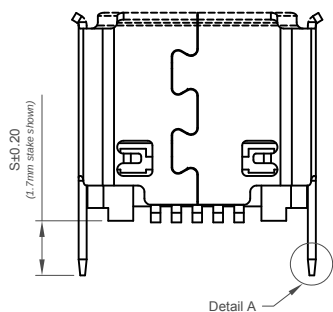
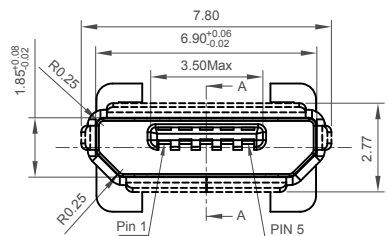
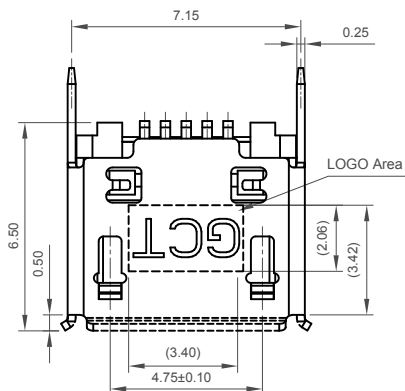
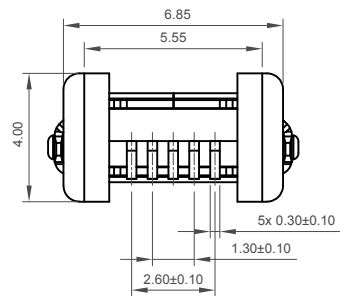
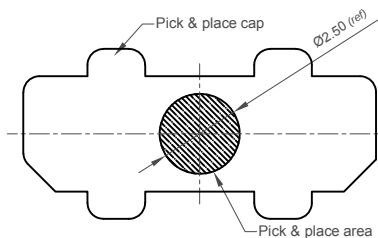
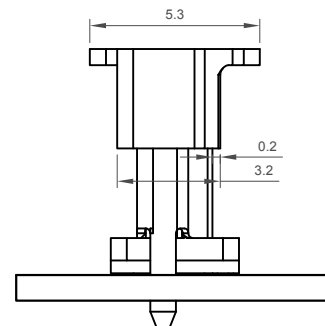
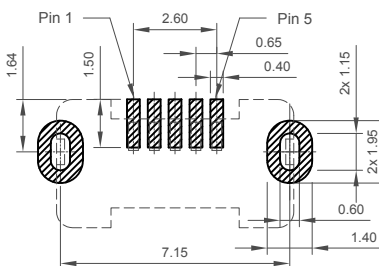
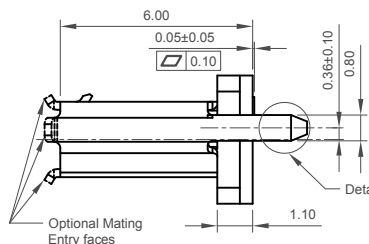




PCB Mount & Cap Information



Section A-A



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

Ordering Grid

USB3140 - 30 - XXXX - X - C Request Samples and Quotation

Contact Plating
30 = 30µ" Gold

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

Shell Stake Length "S"

0070 = 0.70mm
0140 = 1.40mm
0170 = 1.70mm
0230 = 2.30mm

Mating Entry Face

1 = With Mating Entry Face (Standard)
0 = Without Mating Entry Face

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

Specifications

Material

Plastic Housing: LCP, UL94V-0, Black
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel T=0.25mm.

Plating

Contact Terminal:
Contact Area: 30µ" Gold
Solder Tails: Gold Flash
Underplating: 50µ" Nickel
Metallic Shell: Matte Tin over 50µ" Nickel

Electrical

Voltage Rating: 30 V AC
Current Rating: Signal (Pins 2,3,4): 1.0 A.
Power (Pins 1,5): 1.8A.
Operating Temperature: -25°C to +85°C.
Contact Resistance: 30mΩ max.
Insulating Resistance: 1000MΩ min.
Dielectric Withstand Voltage: 500V AC/minute

Mechanical & Environmental

Mating Force: 35N max.
Unmating Force: Initial 10N min
Final 8N min after durability test
Durability: 10,000 Cycles

Part Number USB3140		Product Description Micro USB Receptacle, Type B, Surface Mount, Vertical, with Through-Hole Shell Stakes	
Drawing Date 2nd April 2013			
By CC		Tolerances (Except as Noted) Angle	Units: Metric (mm)
Detail USB3140 E PCN		X ±0.50 X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	X.X° ± 2°
Revision E3			
Date 04/05/21			

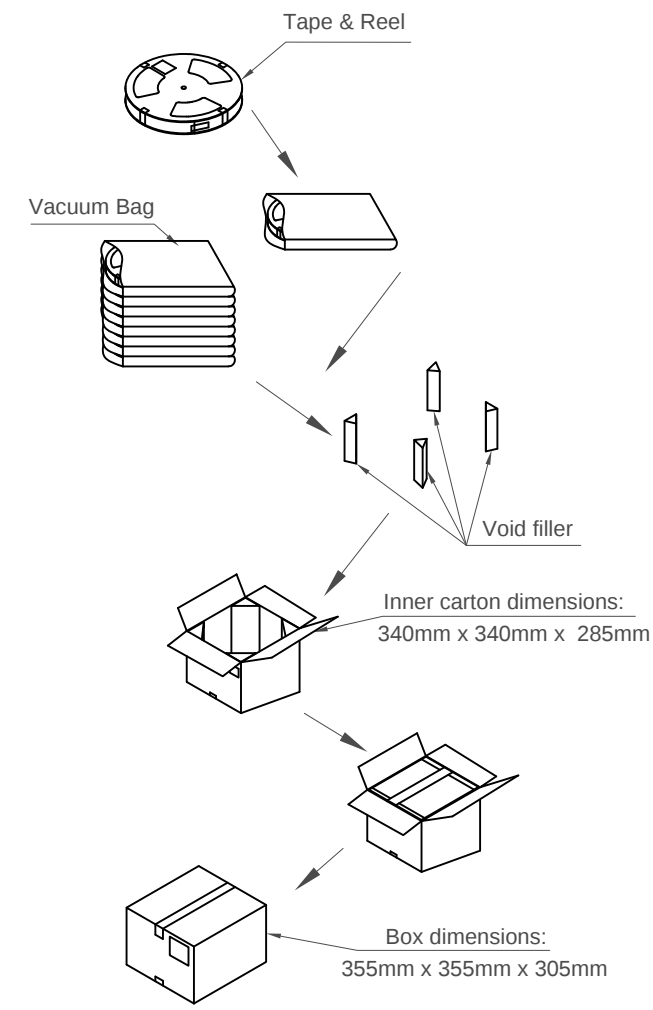
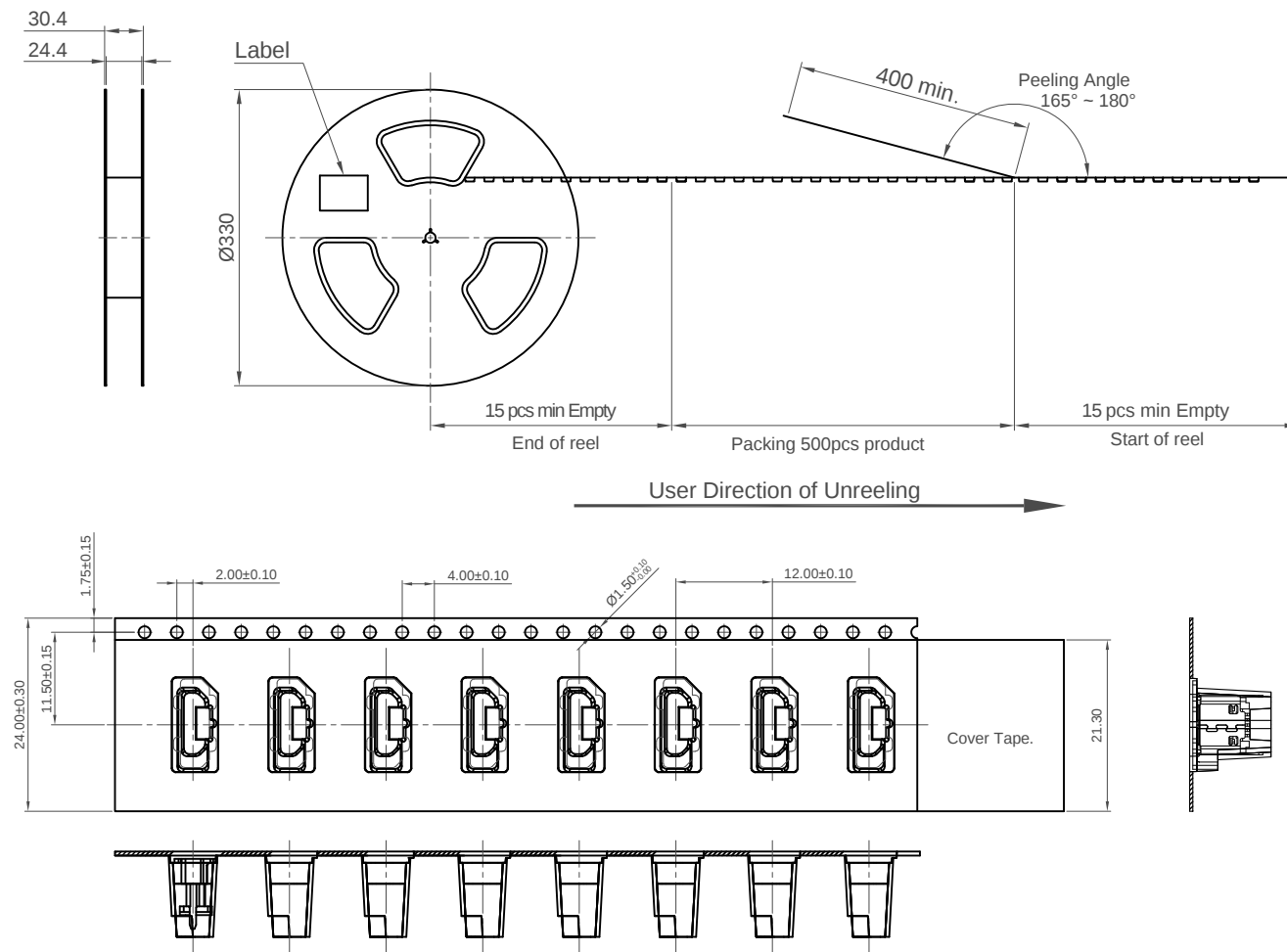


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Not to Scale
Drawn By
AJO
Sheet No.
1/2

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)

Pcs / Reel	Reels / Carton	Total Quantity
500	9	4500 pcs

Part Number		Product Description				 www.gct.co		
USB3140		Micro USB Receptacle, Type B, Surface Mount, Vertical, with Through-Hole Shell Stakes						
Drawing Date								
2nd April 2013								
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	USB3140 E PCN	Length	Angle	Metric (mm)				
Revision	E3	X±0.20	X.X° ± 2°	 3rd Angle Projection				
Date	04/05/21	X.X ± 0.15 X.XX ± 0.10 X.XXX ± 0.05						
						Not to Scale	Drawn By AJO	Sheet No. 2/2

Mouser Electronics

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