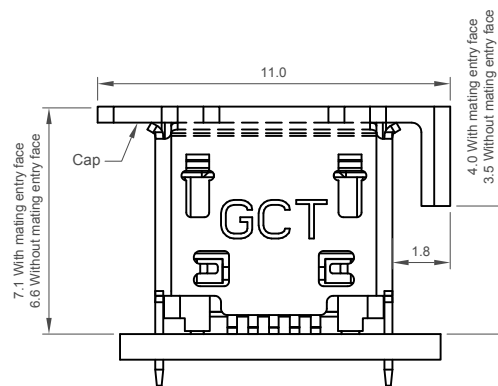
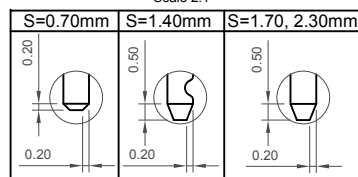
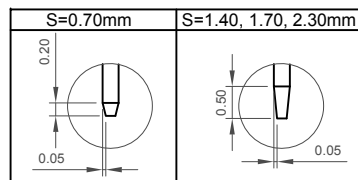
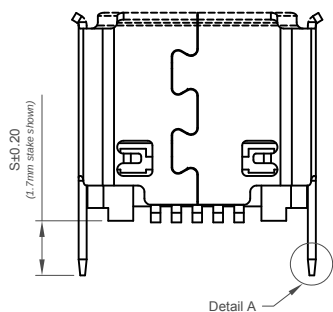
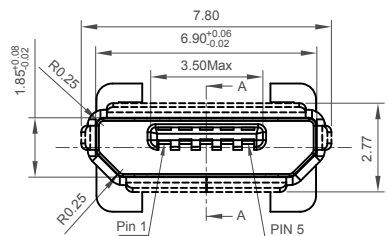
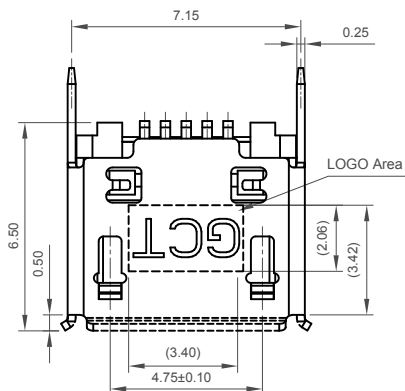
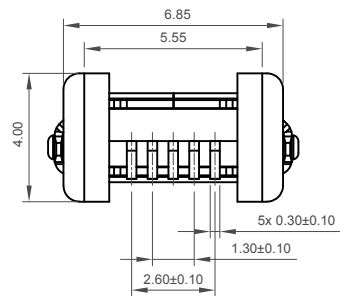
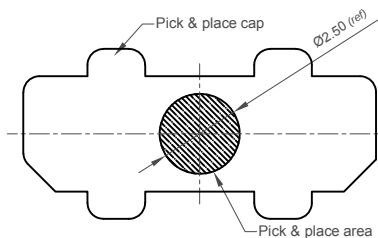
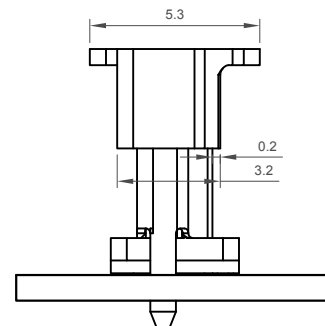
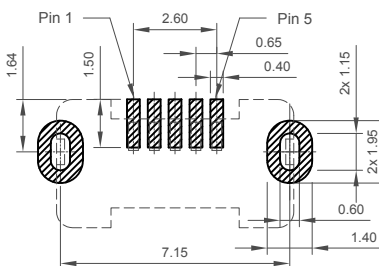
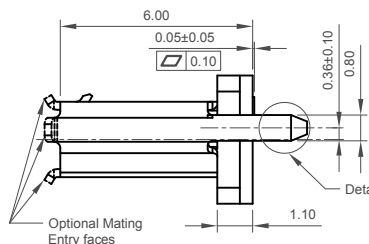




PCB Mount & Cap Information



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

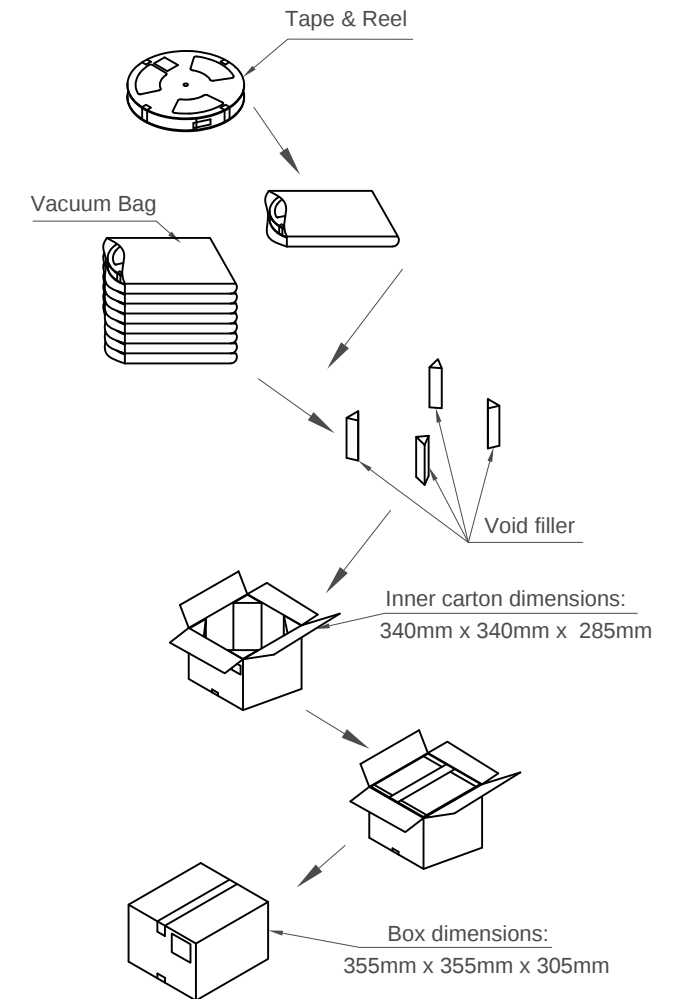
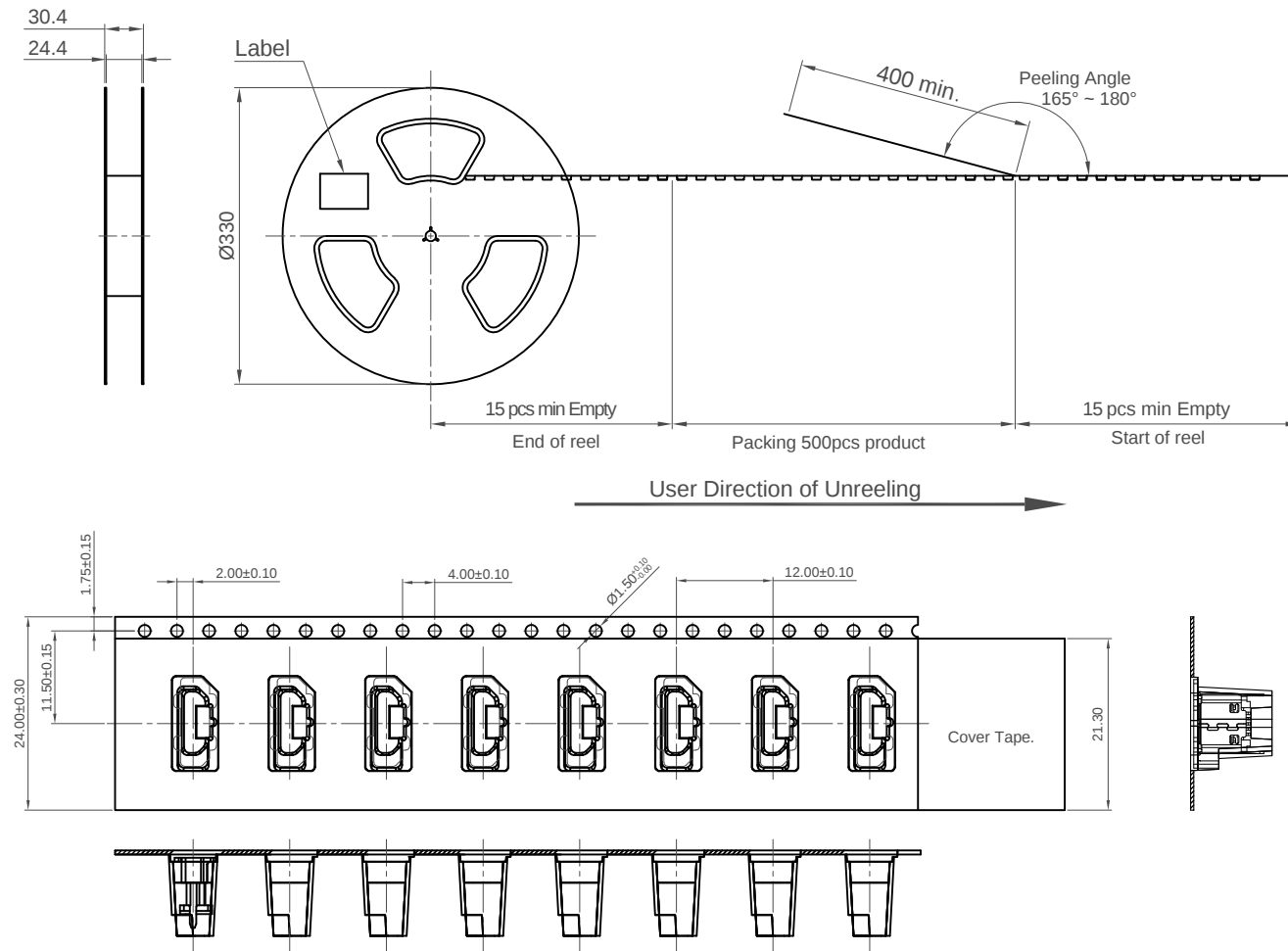
Electrical

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) Length Angle		Units: Metric (mm)
Detail USB3140 E PCN	X ±0.50 X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10		
Revision E3	X.X° ± 2°		
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	
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:
Detail	USB3140 E PCN	Length X.X ± 0.20 X.X ± 0.15 X.XX ± 0.10 X.XXX ± 0.05	Metric (mm)
Revision	E3	Angle X.X° ± 2°	3rd Angle Projection
Date	04/05/21		



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Sheet No.
2/2

1 2 3 4 5 6 7 8

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