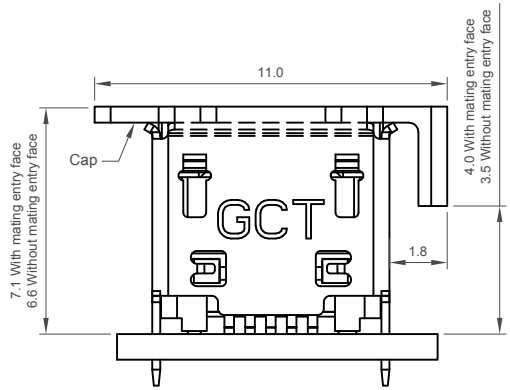
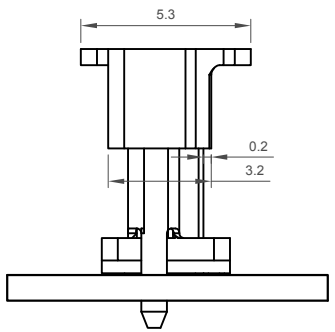
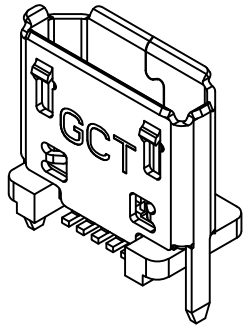
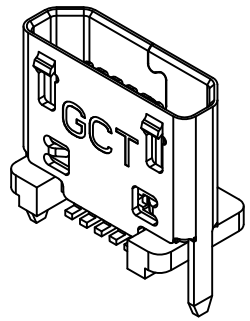
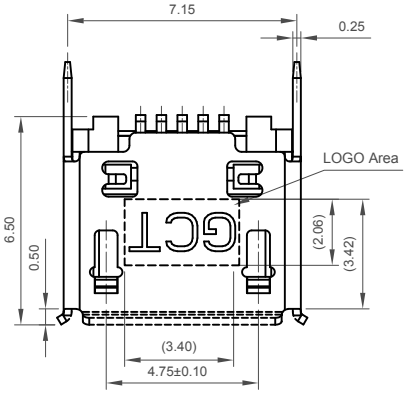


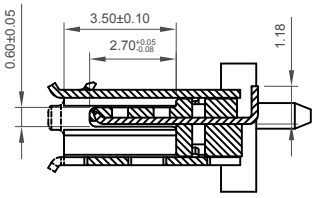






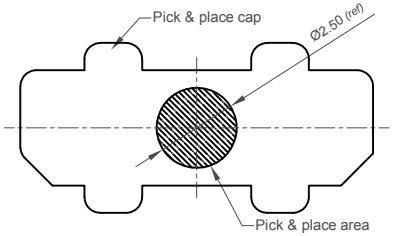


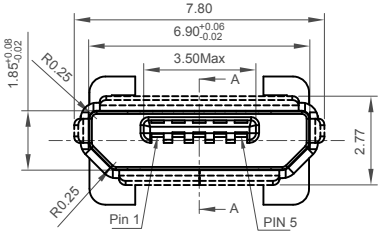


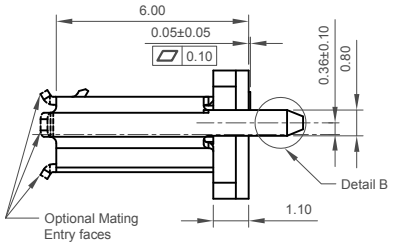


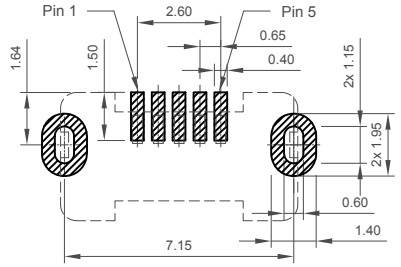
Section A-A

PCB Mount &Cap Information

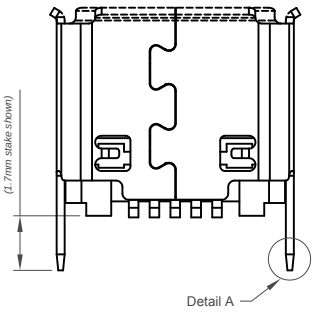


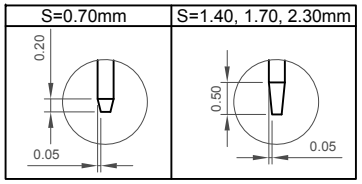




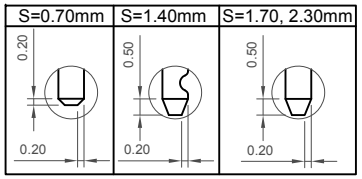


Recommended PCB Layout
As viewed from component side General tolerance: ±0.05
Solder Area Component Outline





Detail A
Scale 2:1



Detail B

Ordering Grid

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

Contact Plating
30 = 30µ" Gold

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

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

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 (Pins1,5): 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

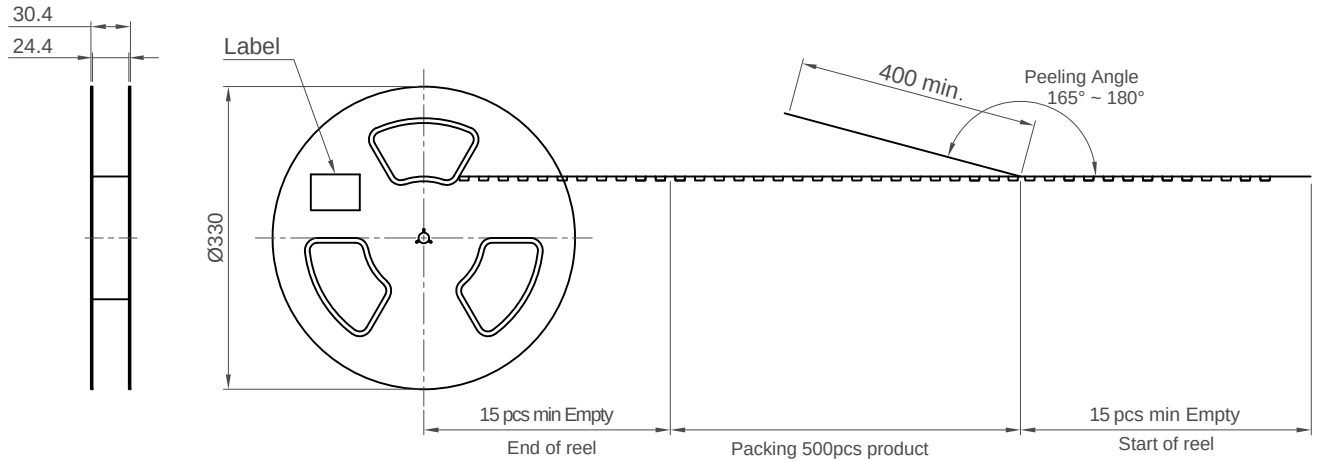
Part Number		Product Description			
USB3140		Micro USB Receptacle, Type B, Surface Mount, Vertical, with Through-Hole Shell Stakes			
Drawing Date					
2nd April 2013					
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	
Detail	USB3140 E PCN	X.±0.50 X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	X.X° ± 2°	3rd Angle Projection	
Revision	E3				
Date	04/05/21				

RoHS COMPLIANT 2011/65/EU Decs-BDE

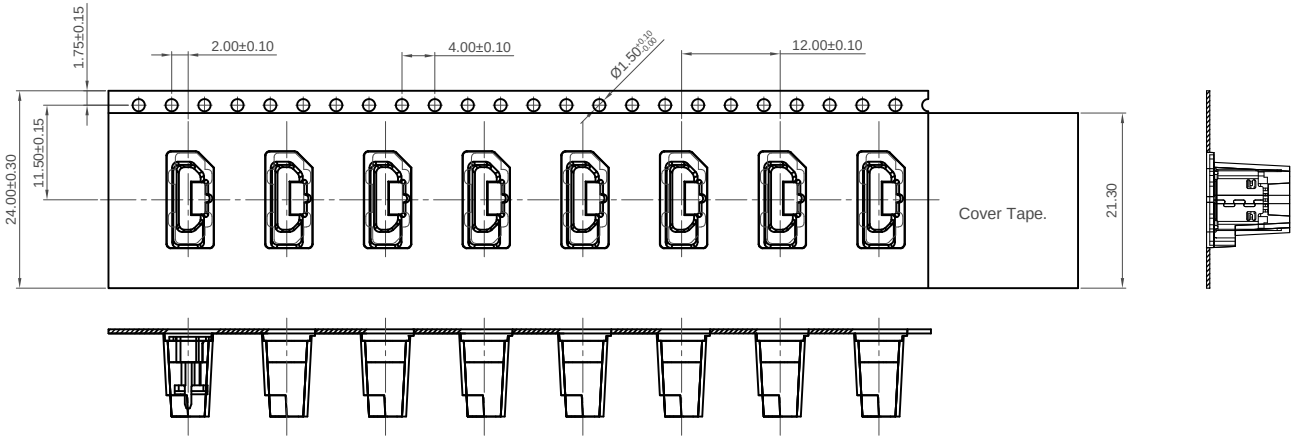
This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

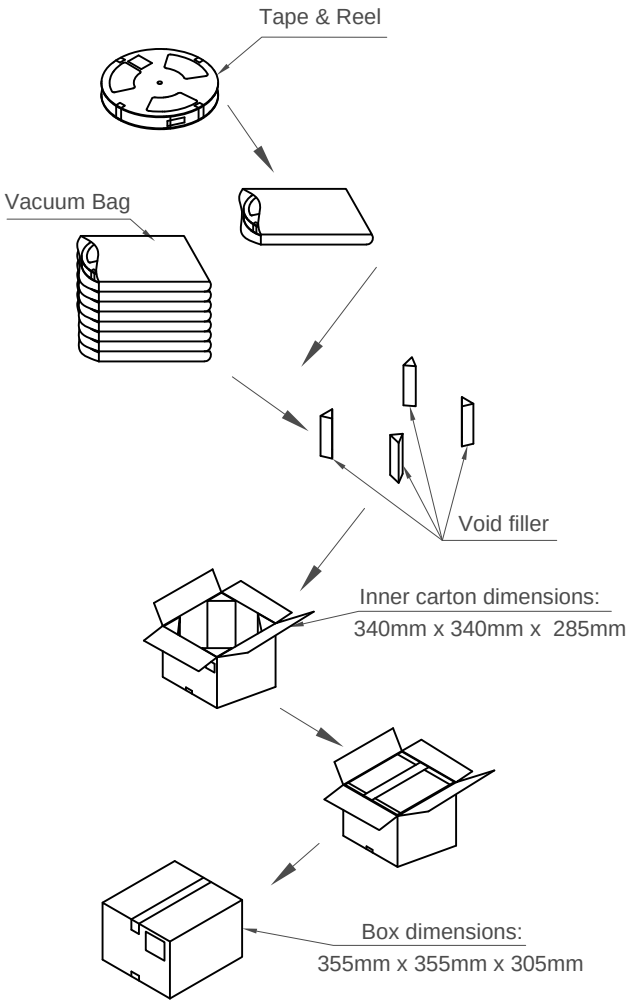
GCT
www.gct.co

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



User Direction of Unreeling





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) 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	USB3140 E PCN	X.±0.20 X.X ± 0.15 X.XX ± 0.10 X.XXX ± 0.05	X.X° ± 2°	3rd Angle Projection			
Revision	E3						
Date	04/05/21					Not to Scale / Drawn By AJO / Sheet No. 2/2	

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Global Connector Technology:

05-14-A-0203-A-4-06-4-T BF030-06A-B0-0360-0277-0600-L-B BF100-12-A-D-0-0640-L-C FFC2B35-24-T USB4500-03-0-A USB4510-03-1-A 05-22-A-0050-A-4-06-4-T 05-30-D-0050-A-4-06-4-T 10-16-D-0101-C-4-08-4-T 05-10-A-0279-A-4-06-4-T 10-15-A-0101-C-4-08-4-T BF100-20-A-D-0-0640-L-C BF030-06A-B0-0200-0277-0600-L-B BF135-18-A-0200-0700-0400-L-C BG300-04-A-L-A 05-08-A-0050-A-4-06-4-T 05-12-D-0304-A-4-06-4-T 05-32-A-0050-A-4-06-4-T BF121-04-A-0-L-C FFC3A20-13-G 05-15-A-0254-A-4-06-4-T BD080-10-A-0230-L-D BD125-30-A-0305-0580-L-B BF121-18-A-0-L-C BG125-05-A-1-1-0440-N-D 05-40-D-0076-A-4-06-4-T USB4140-GF-0230-C 05-28-A-0203-A-4-06-4-T BC075-04-A-L-A USB3510-30-C