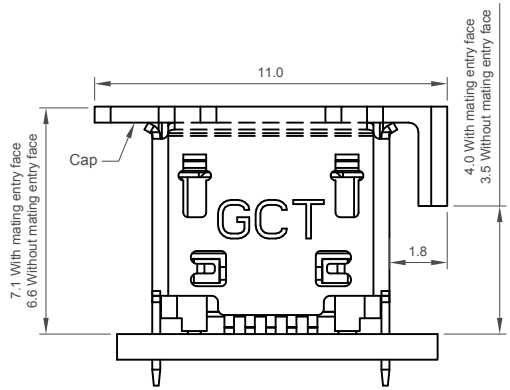
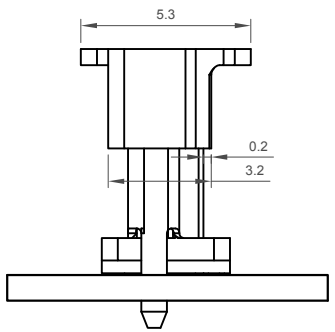
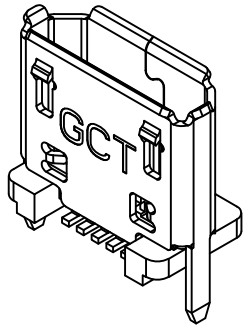
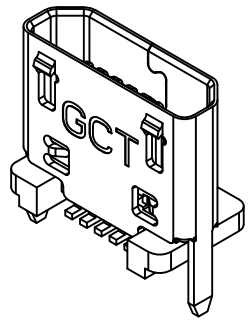
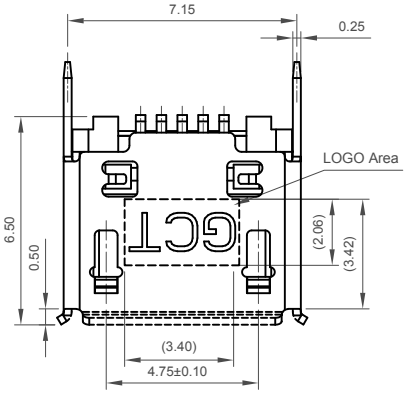


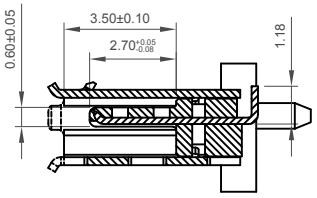



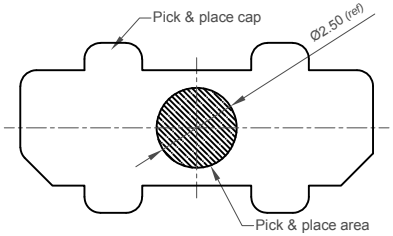



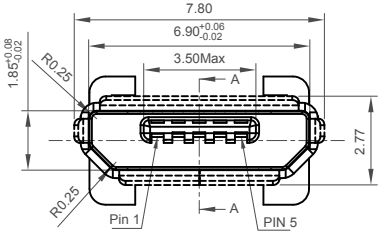



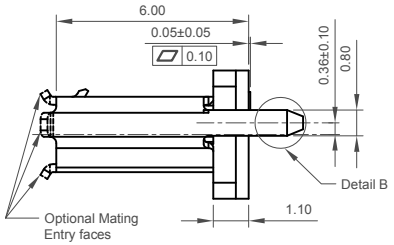



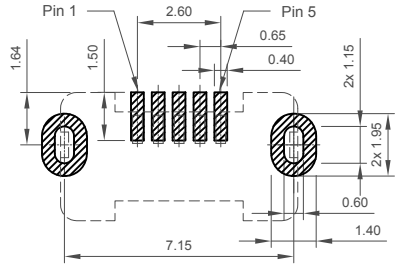

Section A-A

PCB Mount &Cap Information

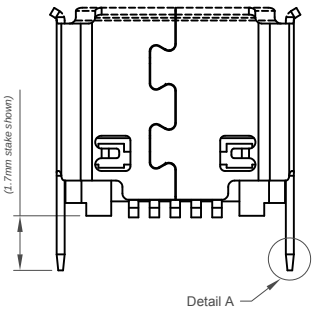


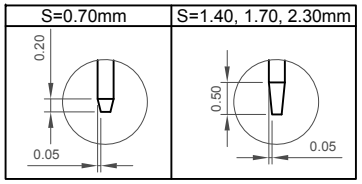



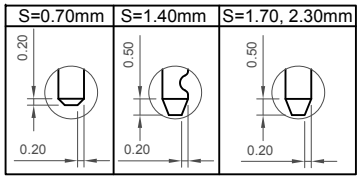




Recommended PCB Layout
*As viewed from component side General tolerance: ±0.05*
Solder Area  Component Outline




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

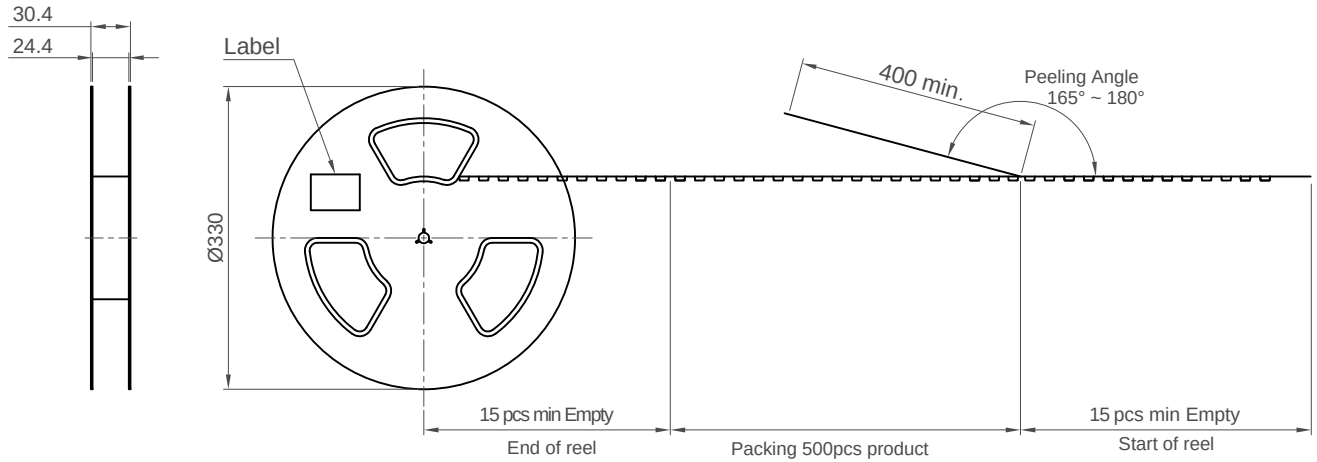
| Part Number | | Product Description | | | |
|---|---|---|---|---|---|
| USB3140 | | Micro USB Receptacle, Type B, Surface Mount, Vertical, with Through-Hole Shell Stakes | | | |
| Drawing Date | | | | | |
| 2nd April 2013 | | | | | |
| By | CC | Tolerances (Except as Noted) Length | Angle | Units: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

RoHS COMPLIANT 2011/65/EU Decs-BDE

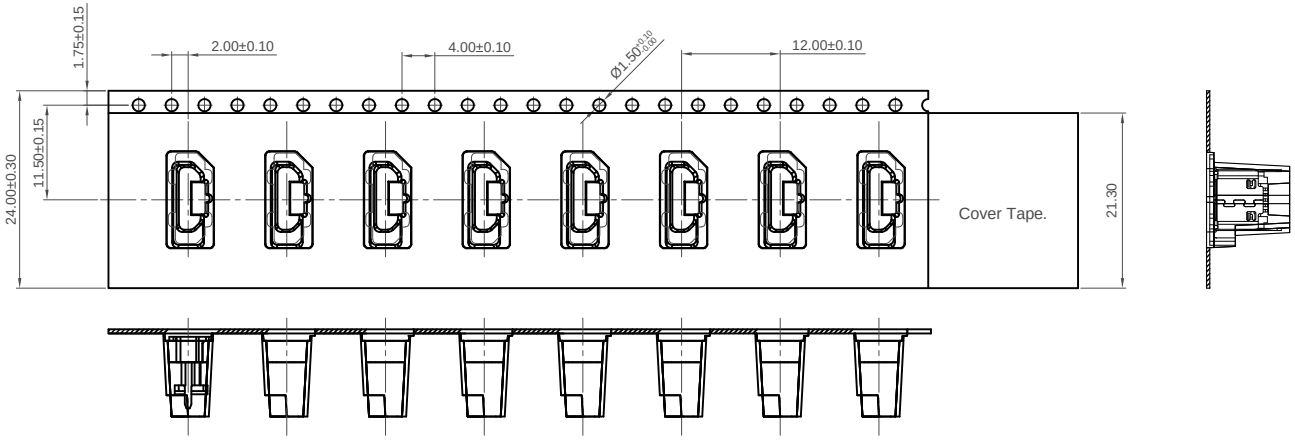
This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

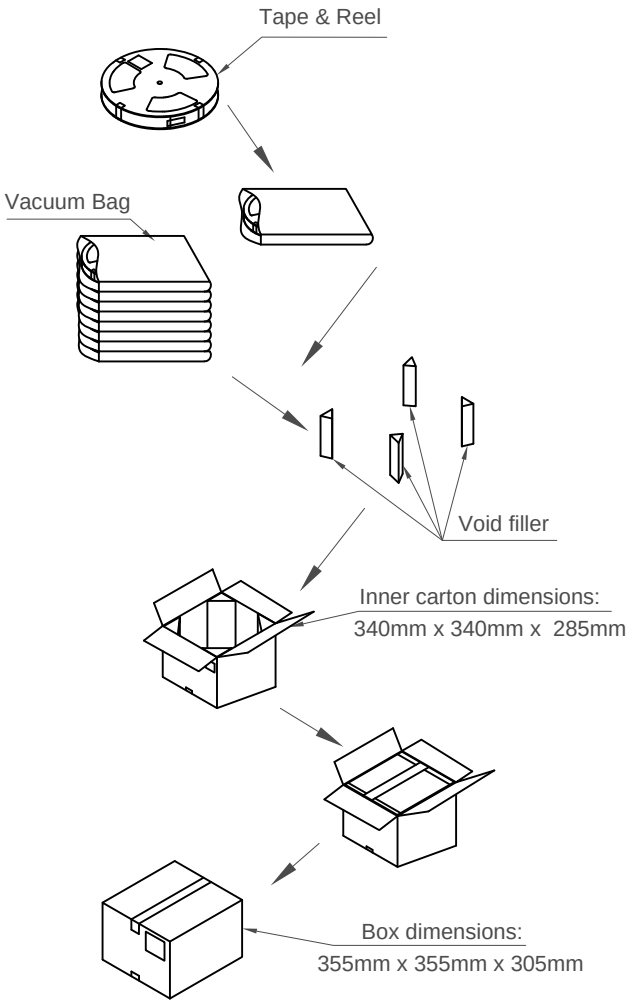
GCT
www.gct.co

| 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 | |