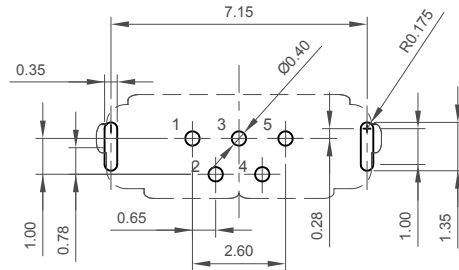
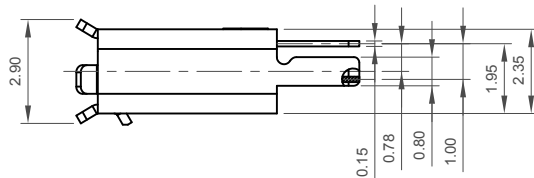
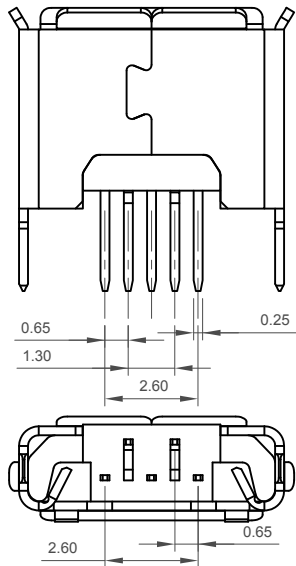


Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0)
A/B types support USB On-The-GO (OTG) interface.

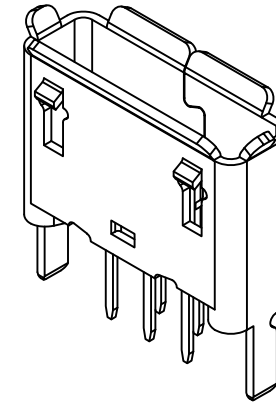
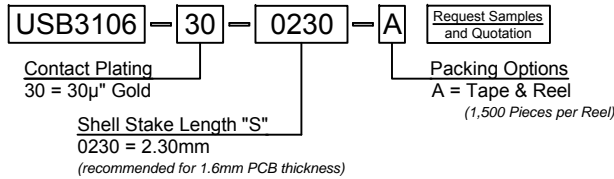
If you seek shorter shell stakes for use with PCB thickness 1.00mm (.039"), see USB3105.



Recommended PCB Layout
As viewed from component side General Tolerance: ±0.05



Ordering Grid



Specifications

Materials

Plastic Housing: LCP, UL 94V-0, Black,
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel SUS304-1/2H T=0.25mm

Plating

Underplating: Nickel 50µ" min.
Plating:
Contact Area: 30µ" Gold plating
Solder Tails: Gold Flash
Metallic Shell: Nickel

Electrical

Voltage Rating: 30V
Current Rating: Signal (Pins 2,3,4): 1.0 A.
Power (Pins 1,5): 1.8A.
Operating Temperature: -55°C to +85°C.
Contact Resistance: 30 mΩ max.
Insulating Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 100V AC for 1 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	
USB3106		Micro USB Receptacle, Type A/B, Vertical, Through Hole with 2.30mm (Standard) Shell Stakes	
Drawing Date		28th October 2013	
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB3106 B PCN	Length	Metric (mm)
Revision	B4	Angle	
Date	25/08/17	X.X ± 0.35	
		X.XX ± 0.25	

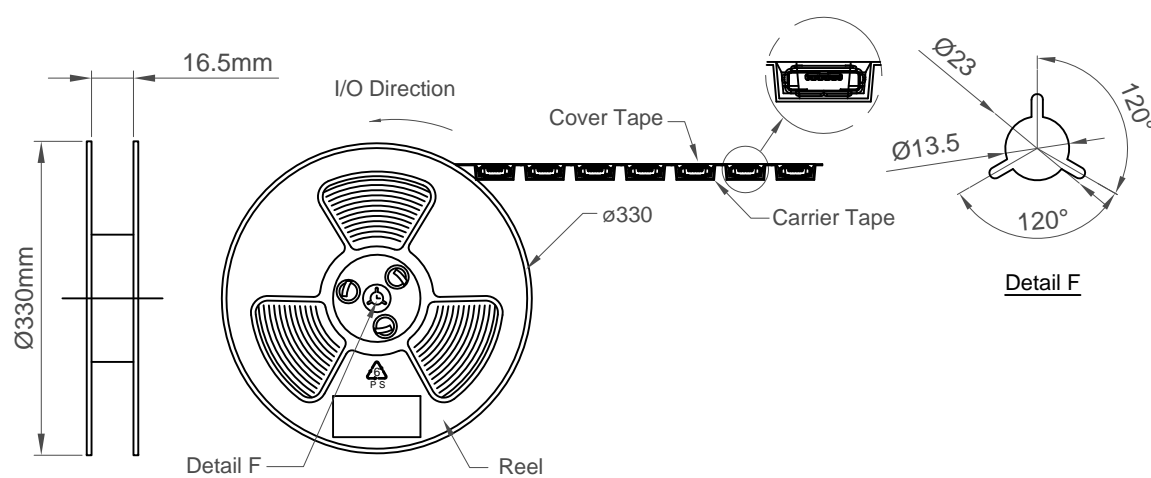
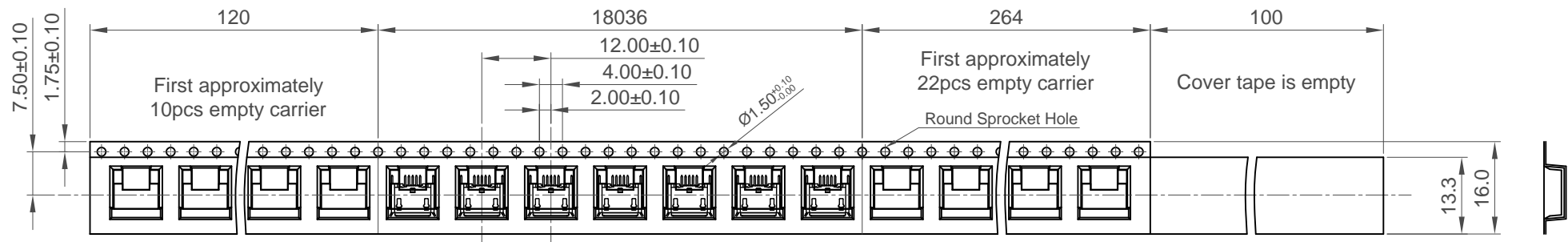


This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

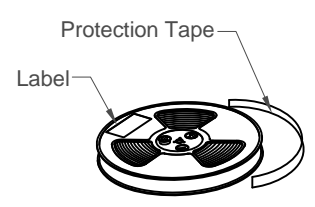


Not to Scale	Drawn By AJO	Sheet No. 1/2
--------------	--------------	---------------

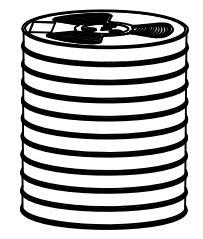
H
G
F
E
D
C
B
A



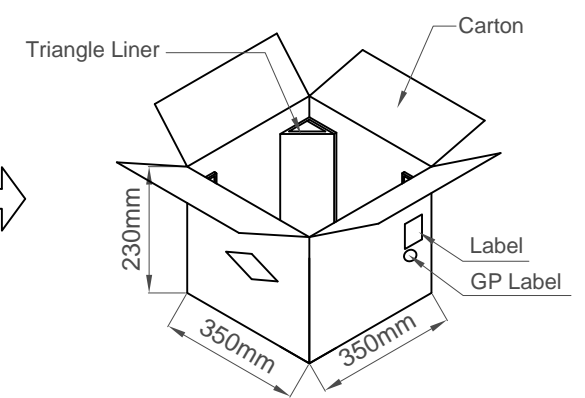
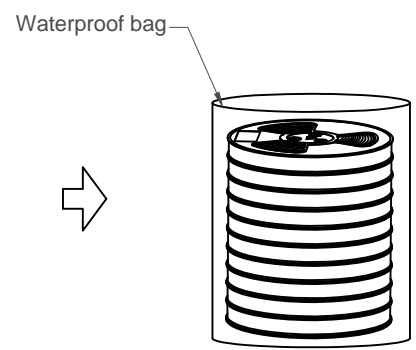
Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3106	1,500	10	15,000



1,500 Pieces/Reel



10 Reels



Part Number USB3106		Product Description Micro USB Receptacle, Type A/B, Vertical, Through Hole with 2.30mm (Standard) Shell Stakes			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									
Drawing Date 28th October 2013		Units: Metric (mm)												
By CC	Tolerances (Except as Noted) Length Angle	<table border="1"> <tr> <td>Detail</td> <td>USB3106 B PCN</td> <td>X.X ± 0.35</td> <td rowspan="2"> </td> </tr> <tr> <td>Revision</td> <td>B4</td> <td>X.XX ± 0.25</td> </tr> <tr> <td>Date</td> <td>25/08/17</td> <td></td> <td></td> </tr> </table>		Detail	USB3106 B PCN	X.X ± 0.35		Revision	B4	X.XX ± 0.25	Date	25/08/17		
Detail	USB3106 B PCN	X.X ± 0.35												
Revision	B4	X.XX ± 0.25												
Date	25/08/17													
Not to Scale		Drawn By AJO	Sheet No. 2/2	www.gct.co										

1 2 3 4 5 6 7 8