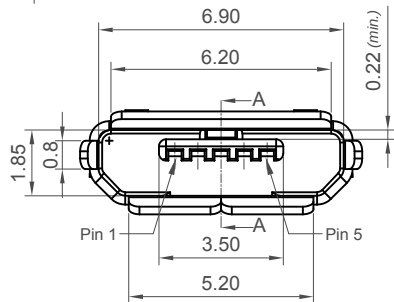
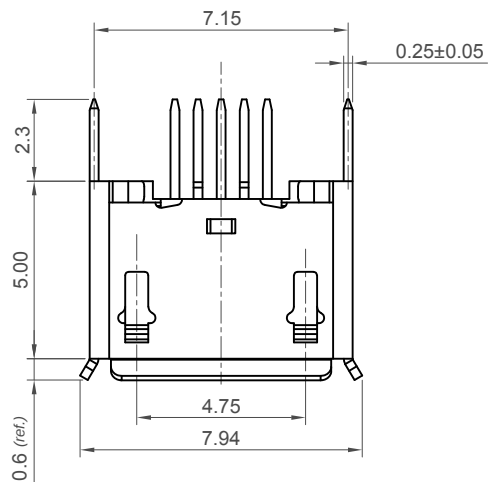
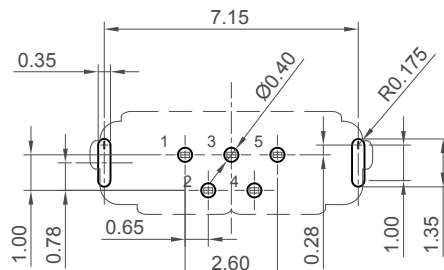
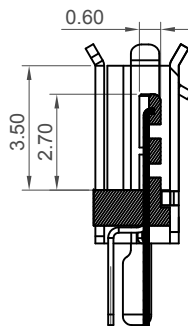


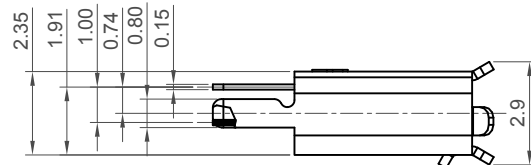
Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0)
A/B types support USB On-The-GO (OTG) interface.



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

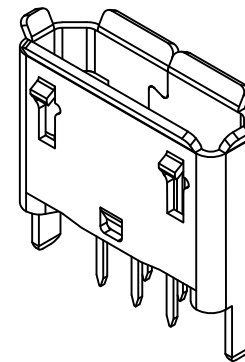


Section A:A



Ordering Grid

USB3131-30-0230-A [Request Samples and Quotation](#)
Contact Plating
30 = 30μ" Gold
Shell Stake Length "S"
0230 = 2.30mm
(recommended for 1.6mm PCB thickness)
Packing Options
A = Tape & Reel
(1,500 Pieces per Reel)



Specifications:

Materials:

Plastic Housing: LCP, UL94V-0, Black
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel SUS304-1/2H T=0.25mm

Plating:

Underplating: Nickel 50μ" min.
Contact Area: 30μ" Gold plating
Solder Tails: Gold Flash
Metallic Shell: Nickel 50-100μ"

Electrical:

Voltage Rating: 30V
Current Rating: Signal (Pins 2,3,4): 1.0 A
Power (Pins 1,5): 1.8 A
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

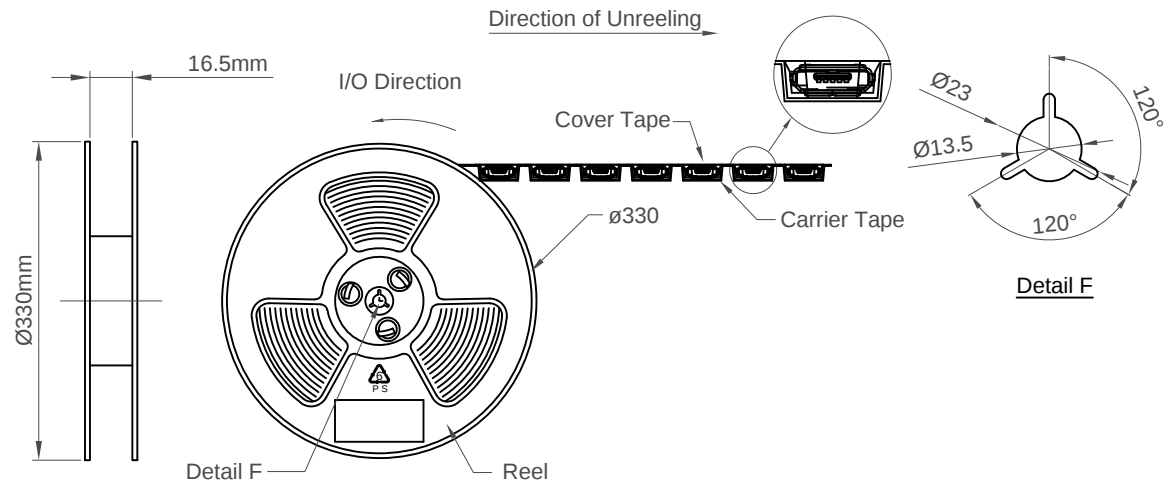
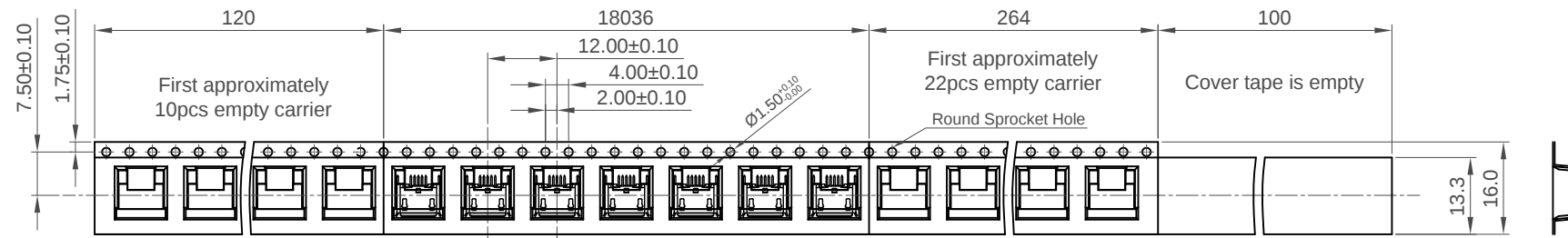
Mechanical & Environmental

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

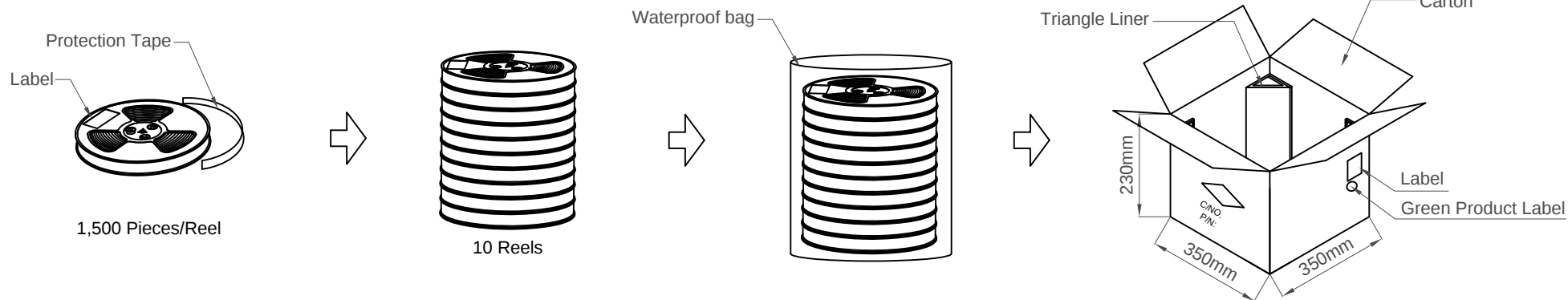
Part Number USB3131		Product Description Micro USB Receptacle, Type B, Through-Hole, Vertical, With 2.30mm (Standard) Shell Stakes		 www.gct.co		
Drawing Date 28th October 2013						
By CC	CC	Tolerances (Except as Noted) Length Angle		Units: Metric (mm)	 This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
Detail	USB3131 B PCN	X.X ± 0.35 X.XX ± 0.25		 3rd Angle Projection		
Revision	B5	-				
Date	07/10/20					
				Not to Scale	Drawn By AJO	Sheet No. 1/2

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H
G
F
E
D
C
B
A



Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3131	1,500	10	15,000



Part Number		Product Description	
USB3131		Micro USB Receptacle, Type B, Through-Hole, Vertical, With 2.30mm (Standard) Shell Stakes	
Drawing Date			
28th October 2013			
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB3131 B PCN		
Revision	B5	-	-
Date	07/10/20		
			
		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	
		 www.gct.co	
Not to Scale		Drawn By AJO	Sheet No. 2/2

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