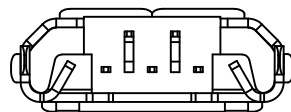
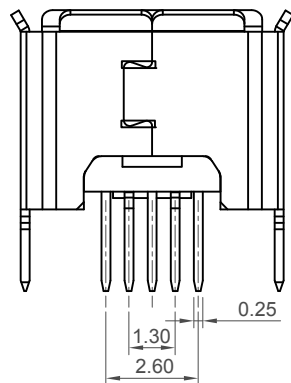
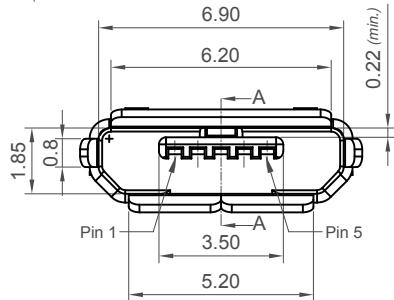
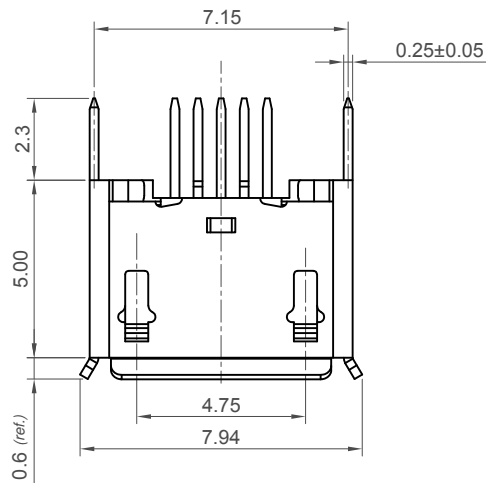


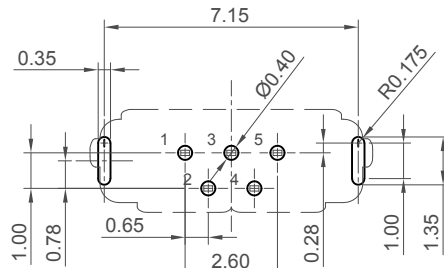


**EN:** This Datasheet is presented by the manufacturer.

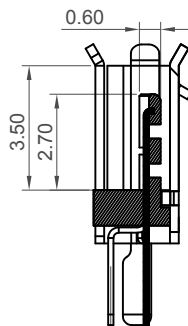
Please visit our website for pricing and availability at [www.hestore.hu](http://www.hestore.hu).



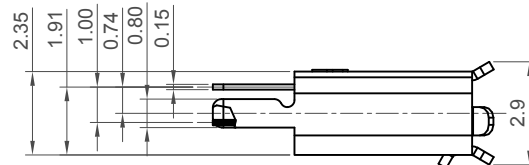
Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0)  
A/B types support USB On-The-GO (OTG) interface.



**Recommended PCB Layout**  
As viewed from component side General Tolerance:  $\pm 0.05$   
□ Component Outline

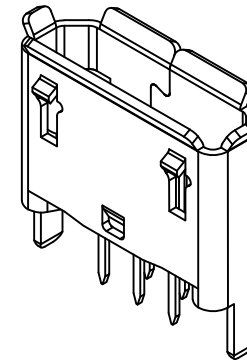


**Section A:A**



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

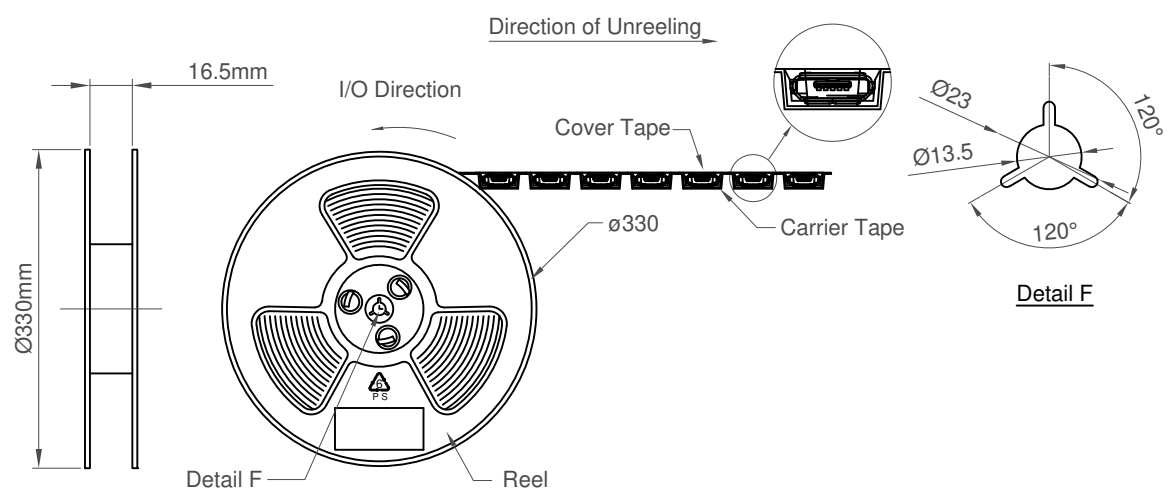
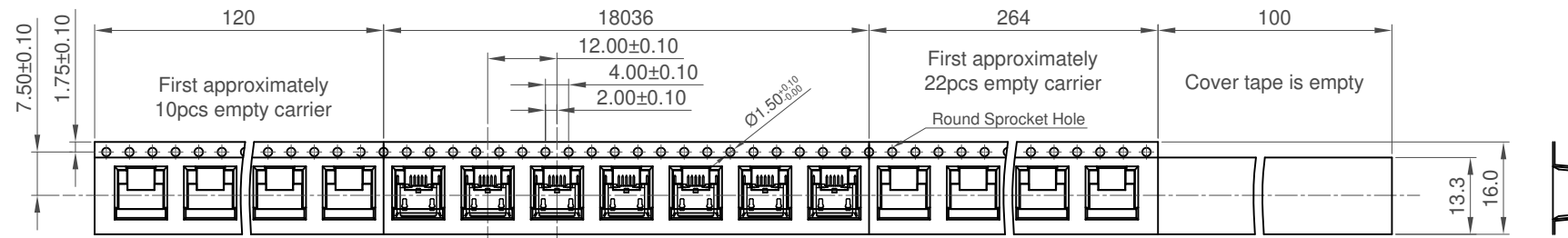
#### Mechanical & Environmental

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

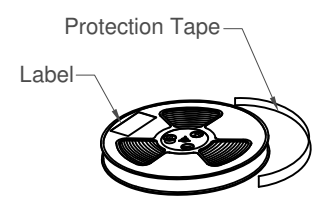
Part Number		Product Description				 <b>www.gct.co</b>
USB3131		Micro USB Receptacle, Type B, Through-Hole, Vertical, With 2.30mm (Standard) Shell Stakes				
Drawing Date						
28th October 2013						
By	CC	Tolerances (Except as Noted) Length		Units: Metric (mm)	  This drawing is confidential and copyright 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		

**GCT**  
www.gct.co

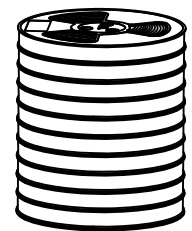
H  
G  
F  
E  
D  
C  
B  
A



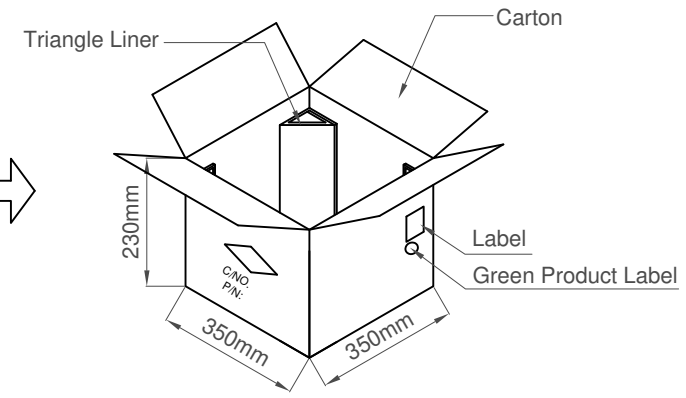
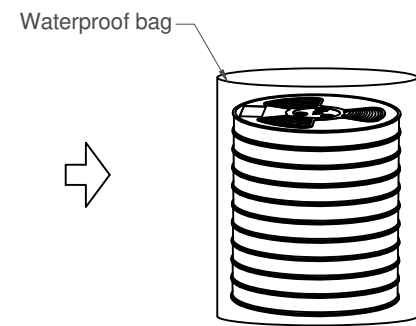
Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3131	1,500	10	15,000






1,500 Pieces/Reel



10 Reels



Part Number		Product Description		<div> www.gctco</div> <div><table><tr><td>Not to Scale</td><td>Drawn By AJO</td><td>Sheet No. 2/2</td></tr></table></div>			Not to Scale	Drawn By AJO	Sheet No. 2/2
Not to Scale	Drawn By AJO	Sheet No. 2/2							
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:	<div> This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E &amp; OE</div>				
Detail	USB3131 B PCN	Length		Metric (mm)					
Revision	B5	Angle							
Date	07/10/20			3rd Angle Projection					
5		6		7		8			