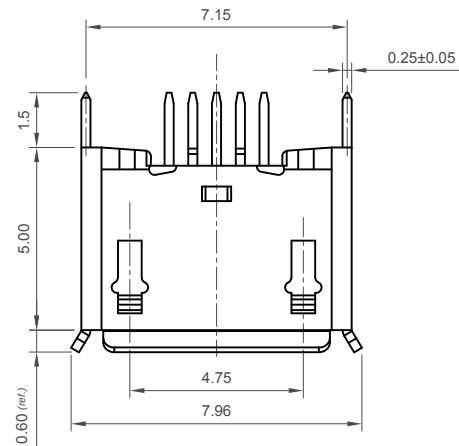
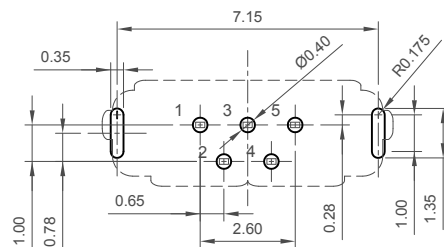
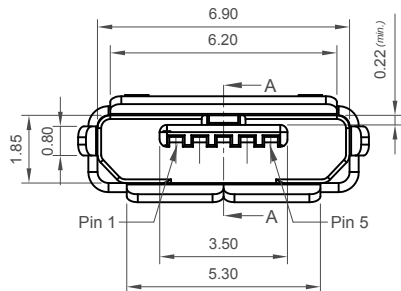


H
G
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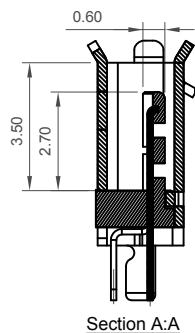
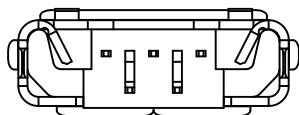
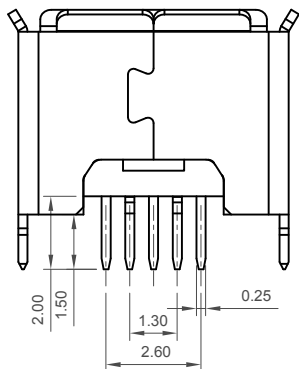


Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0), A/B types support USB On-The-Go (OTG) interface.

If you seek longer shell stakes for a thicker PCB (for example 1.60mm (.062")) please see USB3106.



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



Section A:A

Ordering Grid

USB3105

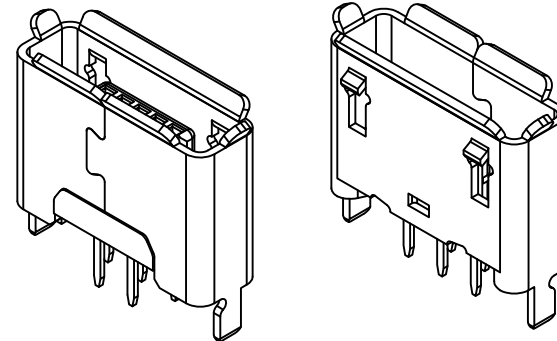
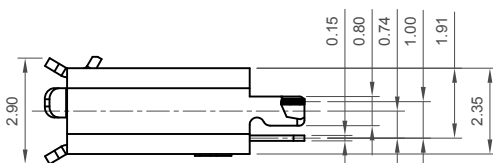
30

A

Request Samples and Quotation

Contact Plating
30 = 30μ" Gold

Packing Options
A = Tape & Reel
(1.5K per Reel)



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

Electrical

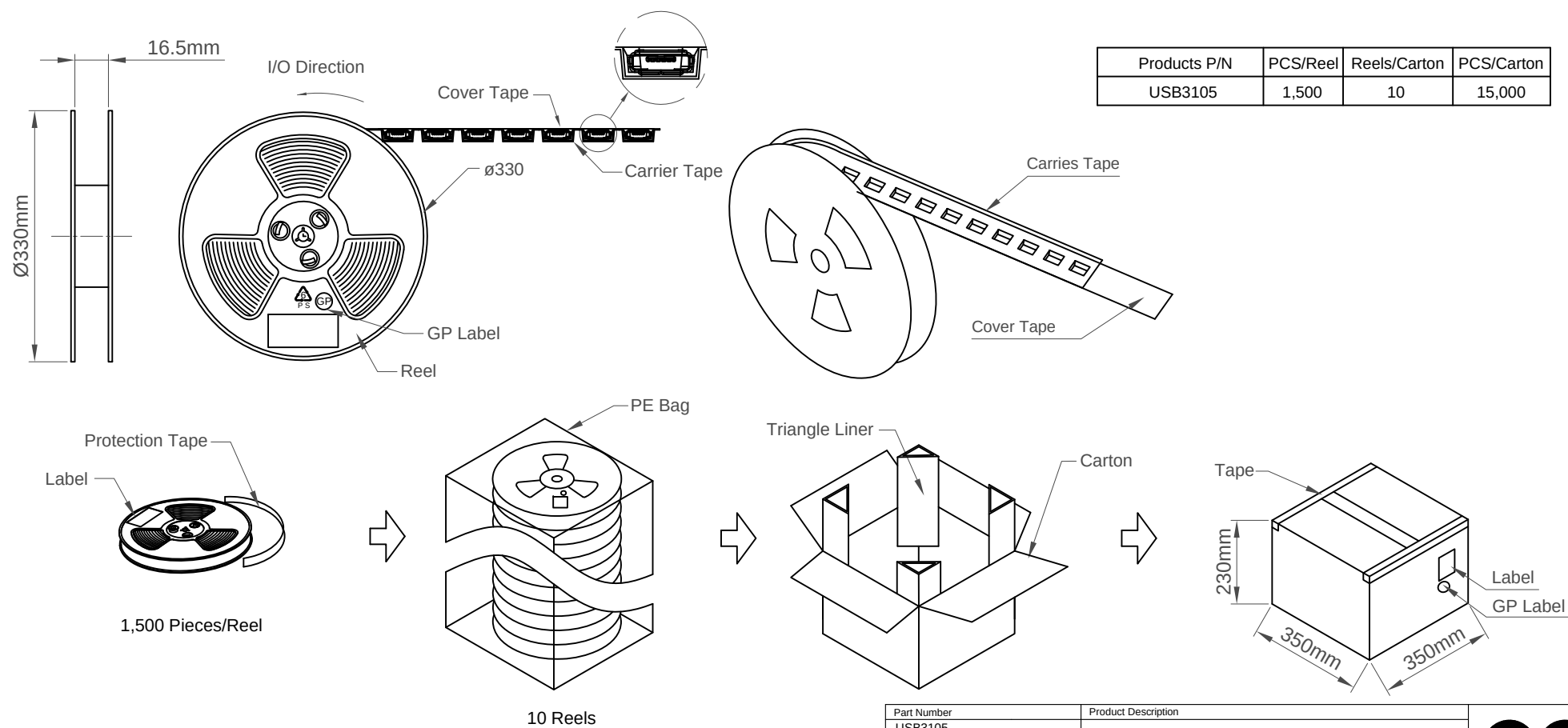
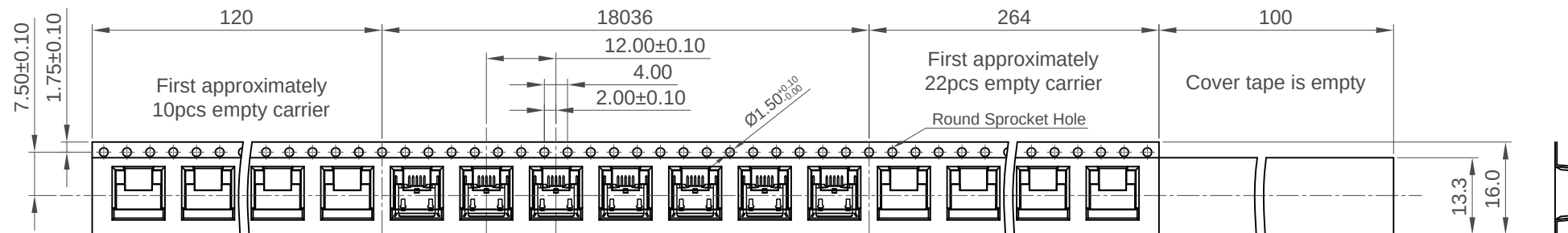
Voltage Rating: 30V
Current Rating: Signal (Pins 2,3,4): 1.0 A.
Power (Pins 1,5): 1.8A.
Operating Temperature: -55°C to +85°C.
Contact Resistance: 30 mΩ max.
Insulating Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 100V AC for 1 minute

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	
USB3105		Micro USB Receptacle, Type AB, Through-Hole, Vertical, with 1.5mm Through-Hole Shell Stakes	
Drawing Date			
4th April 2011			
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB3105 F PCN	Length	Metric (mm)
Revision	F4	Angle	
Date	25/08/17	X.X ± 0.35	
		X.XX ± 0.25	
			
		3rd Angle Projection	
			
			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

GCT
www.gct.co



Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3105	1,500	10	15,000

Part Number		Product Description		 www.gct.co	
USB3105		Micro USB Receptacle, Type AB, Through-Hole, Vertical, with 1.5mm Through-Hole Shell Stakes			
Drawing Date					
4th April 2011					
By	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	USB3105 F PCN				
Revision	F4	 3rd Angle Projection			
Date	25/08/17				
				Not to Scale Drawn By AJO Sheet No. 2/2	

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[USB3105-30-A](#)