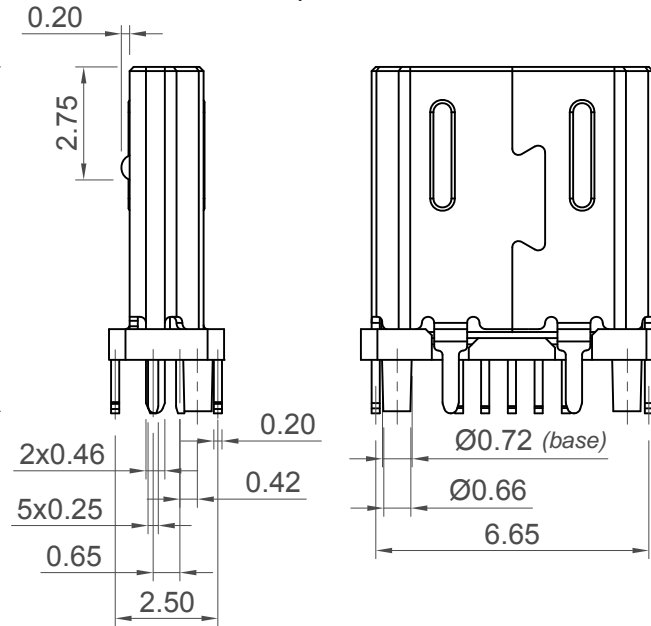
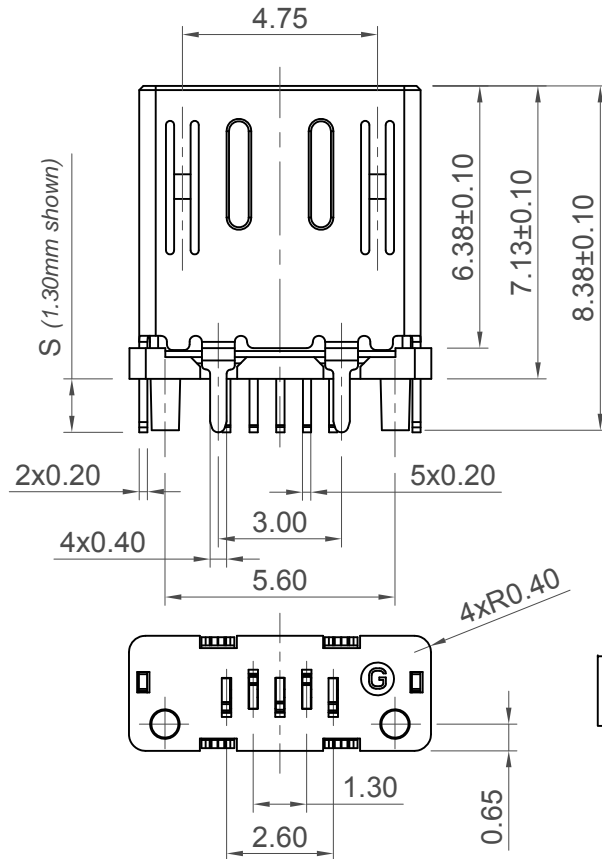


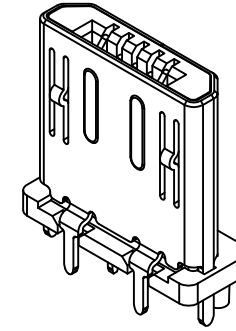
Recommended PCB Layout

Tolerance: $\pm 0.05\text{mm}$

□ Component Outline



Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0)



Specifications 规格

Materials 材料:

Plastic Housing 塑胶外壳: LCP, UL94V-0, Black

Contact Terminal 接触端子: Copper Alloy

Metallic Shell 金属外壳: Stainless Steel

Plating 电镀:

Underplating 底层电镀: 50μ" Nickel min.

Finish 表面处理: Contact Area 接触面积: 30μ" Gold plating

Solder Tails 焊接末端: Matte Tin

Metallic Shell 金属外壳: Nickel

Electrical 电气规格:

Voltage Rating 电压额定值: 30 V AC

Current Rating 电流额定值: Signal (Pins 2,3,4) 信号: 1.0 A.

Power (Pins 1,5) 电源: 1.8A.

Operating Temperature 工作温度: -30°C to +85°C.

Contact Resistance 接触电阻值: 30 mΩ max.

Insulating Resistance 绝缘电阻值: 1000 MΩ min.

Dielectric Withstand Voltage 耐电压: 500V AC/Minute

Mechanical 机械性规格:

Mating Force 插入力: 35N max.

Unmating Force 拔出力: 8N min.

Durability 耐久性: 10,000 cycles

Ordering Grid

USB3150	30	XXX	A	Request Samples and Quotation
Contact Plating				Packing
30 = 30μ" Gold				A = Tape and Reel (1,500 per reel)
Shell Stake & Lead Length "S"				
075 = 0.75mm (recommended for PCB thickness 0.4mm)				
130 = 1.30mm (recommended for PCB thickness 0.8mm)				

Part Number		Product Description	
USB3150		μUSB Plug - Type B, Through-Hole	
Drawing Date		Vertical, with Shell Stakes and Locating Pegs	
30th April 2015			
By	AJO	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	30/04/15	X.X ± 0.10	X." ± 2.0°
		X.XX ± 0.05	X.X" ± 1.0°

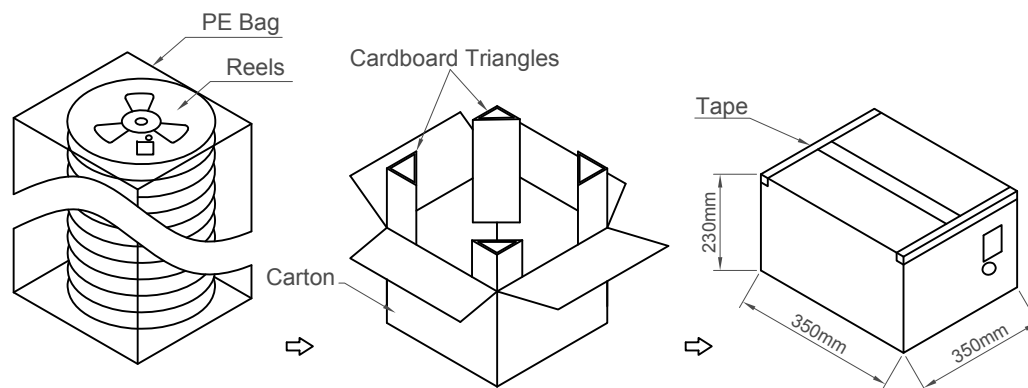
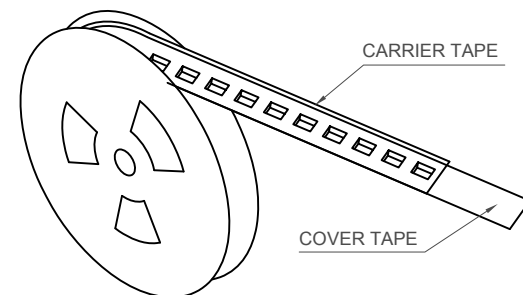
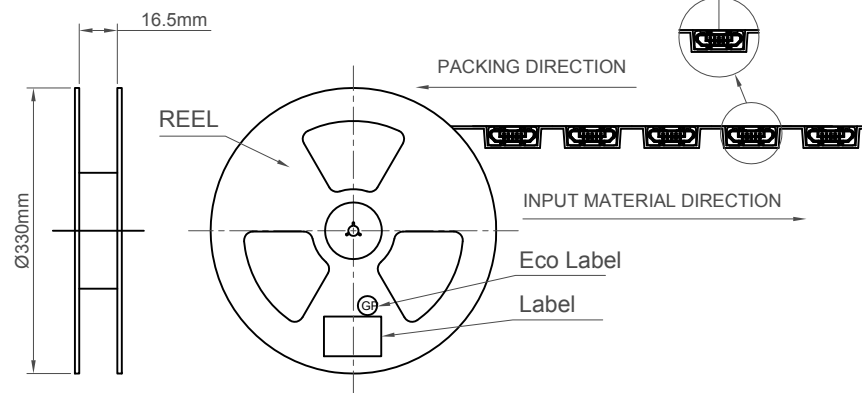
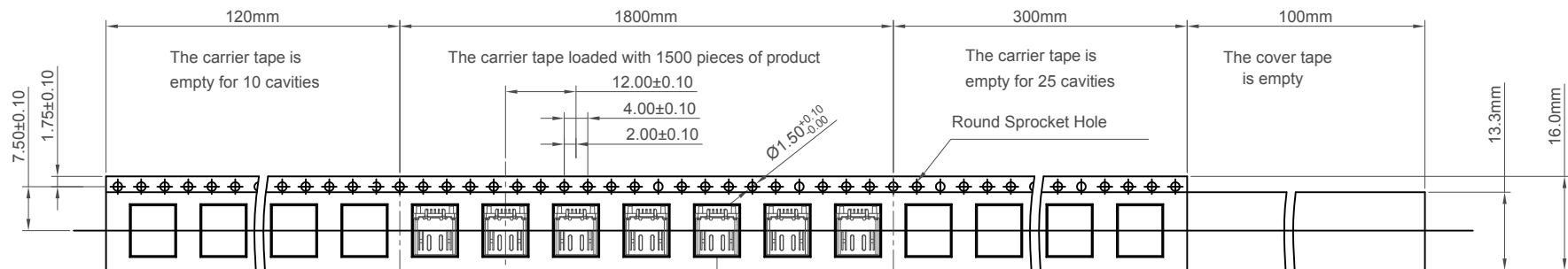


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Not to Scale
Drawn By AJO
Sheet No. 1/2



Part Number	Specification	Q'ty
Carrier Tape	16.0mm (W) x 18.42m (L)	10
Cover Tape	13.3mm (W)	185.2m
Reel	330 x 21mm	10
Bag	400 x 400 x 400mm, PE	1
Cardboard Triangles	430 x 215 x 3mm	4
Carton	350 x 350 x 230mm	1
Desiccant	3.5g	2

Part Number	Pcs./Reel	Reels/Carton	Pcs./Carton
USB3150	1500	10	15000

Part Number		Product Description			<div><div><div><div>GCT</div><div>Global Connector Technology</div><div>www.gct.co</div></div><div><div><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 & OE</div></div></div></div></div>
USB3150		µUSB Plug - Type B, Through-Hole			
Drawing Date		Vertical, with Shell Stakes and Locating Pegs			
30th April 2015					
By	AJO	Tolerances (Except as Noted)		Units:	
Detail	Drawing Release	Length	Angle	Metric (mm)	
Revision	A	X.X ± 0.10	X." ± 2°	<div><div><div>RoHS</div><div>COMPLIANT</div><div>2011/65/EU</div><div>Deca-BDE</div></div><div><div>✓</div></div></div>	
Date	30/04/15	X.XX ± 0.05	X.X" ± 1°	<div><div><div>3rd Angle</div><div>Projection</div></div></div>	