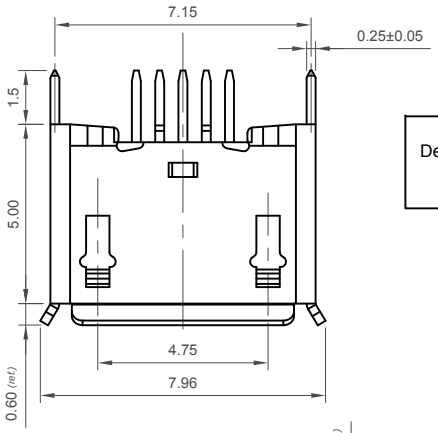
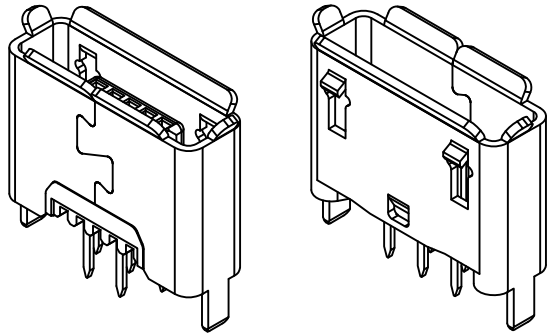
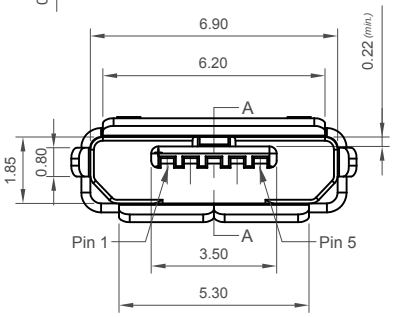
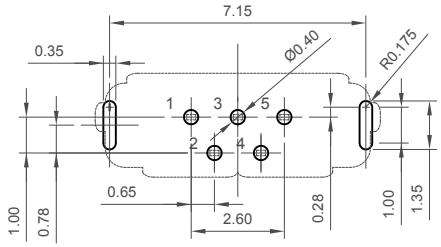


Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0), A/B types support USB On-The-GO (OTG) interface.

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



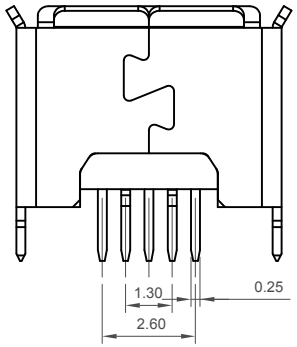


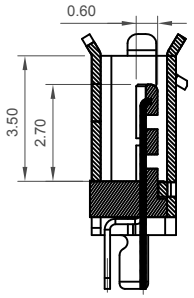


Recommended PCB Layout

As viewed from component side General Tolerance: ±0.05

Component Outline





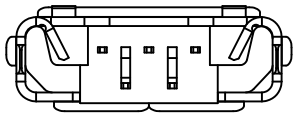
Section A:A

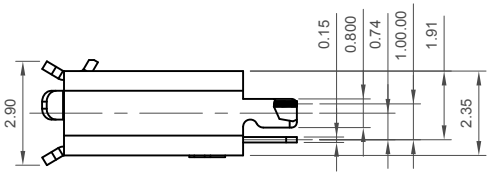
Ordering Grid

USB3105 – 30 – A (Request Samples and Quotation)

Contact Plating: 30 = 30µ" Gold

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





Specifications 规格

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

Plating 电镀
- Underplating 底层电镀: Nickel 100µ" min.
- Plating 电镀:
  - Contact Area 接触区: 30µ" Gold plating
  - Solder Tails 焊接区: Gold Flash
  - Metallic Shell 金属外壳: Nickel

Electrical 电气
- Voltage Rating电压额定值: 30V
- Current Rating电流额定值: Signal (Pins 2,3,4): 1.0 A.
  Power (Pins 1,5): 1.8A.
- Operating Temperature 工作温度: -55°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: 100V AC for 1 minute

Mechanical & Environmental 机械 & 环境
- Mating Force 插入力: 35N max.
- Unmating Force 拔出力: Initial 10N min.
  Final 8N min.
- Durability 耐久性: 10,000 Cycles

Part Number	Product Description
USB3105	µUSB Receptacle, Type AB, Through-Hole, Vertical, with 1.5mm Through-Hole Shell Stakes
Drawing Date: 4th April 2011	

By	AJO	Tolerances (Except as Noted) Length / Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dece-BDE	© 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	X.X ± 0.35 X.XX ± 0.25	3rd Angle Projection		
Revision	F				
Date	05/11/15				

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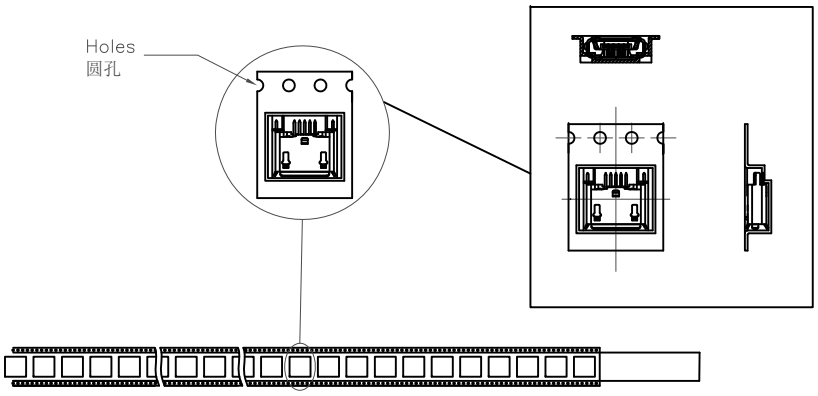
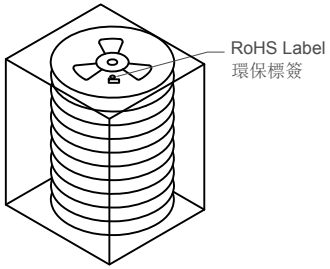
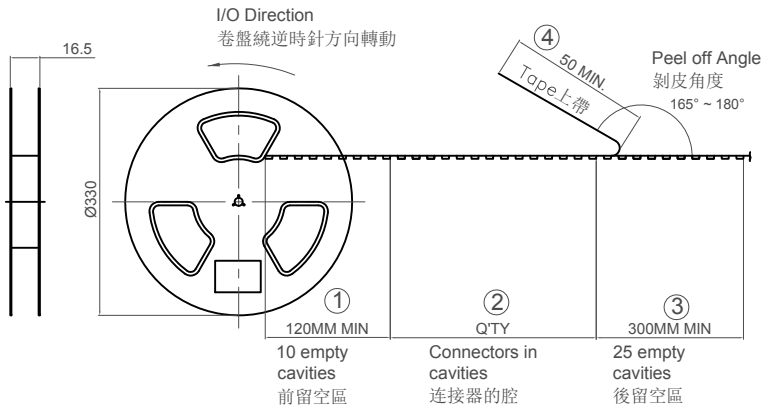
Not to Scale	Drawn By AJO	Sheet No. 1/2

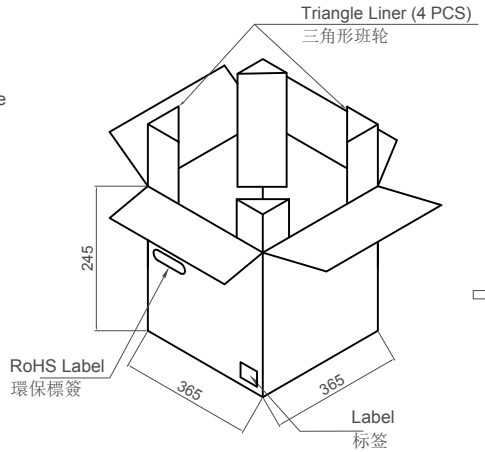


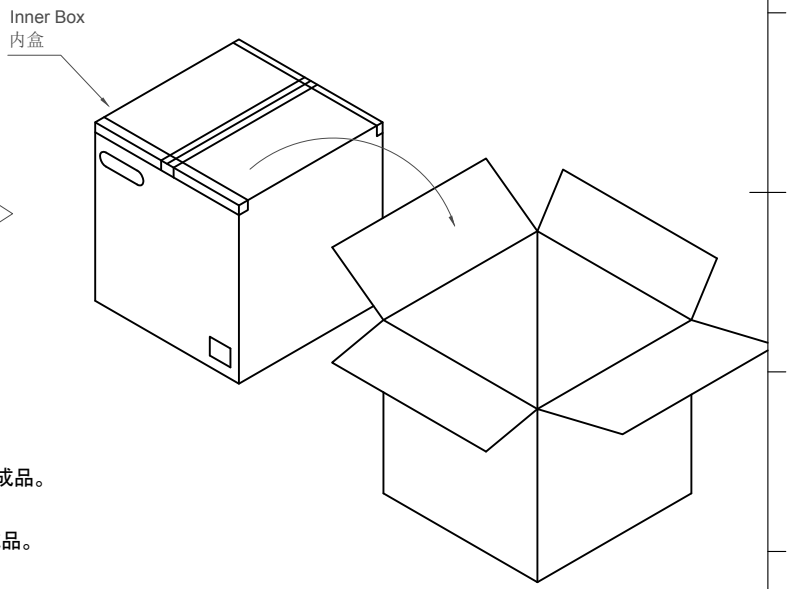


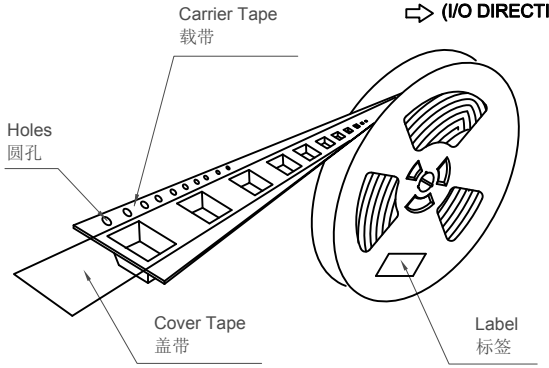
Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3105	1500	10	15000

Notes注意:
1.Part Conforms to EIA-481-C Standards产品符合EIA-481-C标准
2.All dimensions in millimeters 所有尺寸均是毫米
3.10 sprocket hole pitch cumulative tolerance±0.2mm









NOTE:
① There are 10 empty cavities at the start of the reel 前留空區(10PCS), 無成品。
② Quantity as per the Table 数量按表。
③ There are 25 empty cavities at the end of the reel 后留空區(25PCS), 無成品。
④ There are 50mm tape without the carrier只有上帶, 無下帶。

Part Number		Product Description					
USB3105		μUSB Receptacle, Type AB, Through-Hole, Vertical, with 1.5mm Through-Hole Shell Stakes					
Drawing Date							
4th April 2011							
By	AJO	Tolerances (Except as Noted) Length / Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dece-BDE	© 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	GCT Global Connector Technology www.gct.co	
Detail	USB3105 F PCN		3rd Angle Projection			Not to Scale	Drawn By AJO
Revision	F						Sheet No. 2/2
Date	05/11/15						