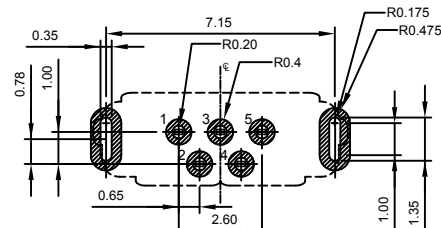
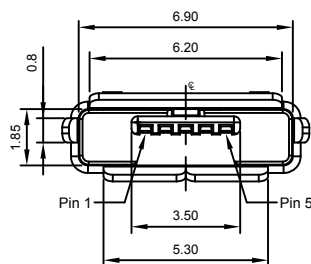
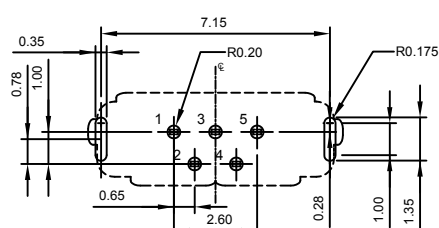


Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0), A/B types support USB On-The-Go (OTG) interface.

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



RECOMMENDED P.C.B. LAYOUT
(PASTE-IN-HOLE)



RECOMMENDED P.C.B. LAYOUT
(WAVE SOLDER)

GENERAL TOLERANCE: ± 0.05
AS VIEWED FROM COMPONENT SIDE
☒ Solder Area
☐ Component Outline

Ordering Grid

USB3105 - 30 - A

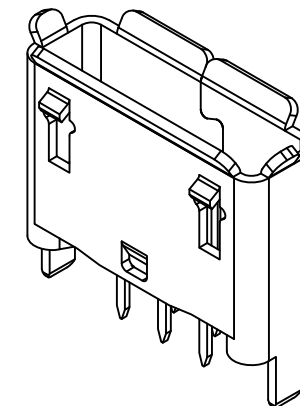
Contact Plating
30 = 30 μ " Gold

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

By	SA	SA	CM	CM	AJO
DETAIL	DRAWING RELEASE	PCN USB3105-001	DRAWING UPDATE	PCN USB3105-002	TOLERANCES ADDED
REV DATE	A 04/04/11	B 22/06/11	C 17/10/11	D 23/01/12	E 07/03/13



Tolerances (Except as noted)	Part Number:-	Date:-	<div style="text-align: center;"> <h1>GCT</h1> <p>www.gct.co</p> </div>			
Dimensions in mm	USB3105	04 APR 11				
XX ± 0.35	Description:-					
XX ± 0.25	μ USB Receptacle, Type AB, Through-Hole, Vertical, with 1.5mm Through-Hole Shell Stakes					
Third Angle Projection	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT		Scale NTS	Revision E	Material See Note	Drawn by SA E & OE
						Sheet No. 1/2



Specifications 规格:

Materials 材料:

Plastic Housing 塑胶外壳: LCP, UL94V-0, Black, LCP, UL94V-0 黑色
Contact Terminal 接触端子: Copper Alloy 铜合金
Metallic Shell 金属外壳: Stainless Steel 不锈钢 SUS304 T=0.2mm

Finish 表面处理:

Underplating 底层电镀: Nickel 镍 100 μ " min.

Plating 电镀:

Contact Area 接触面积: 30 μ " Gold plating, 30 μ " 镀金

Solder Tails 焊接末端: Gold Flash 闪金

Metallic Shell 金属外壳: Nickel 镍 100 μ " min.

Electrical 电气规格:

Voltage Rating 电压额定值: 30V

Current Rating 电流额定值: Signal (Pins 2,3,4) 信号: 1.0 A
Power (Pins 1,5) 电源: 1.8 A

Operating Temperature 工作温度: -55°C to +85°C

Contact Resistance 接触电阻值: 30 m Ω max.

Insulating Resistance 绝缘电阻值: 1000 M Ω min.

Dielectric Withstand Voltage 耐电压: 100 V AC/minute

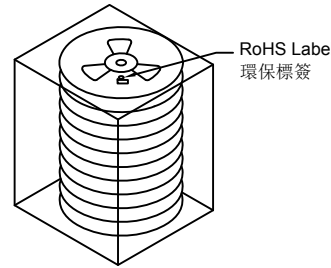
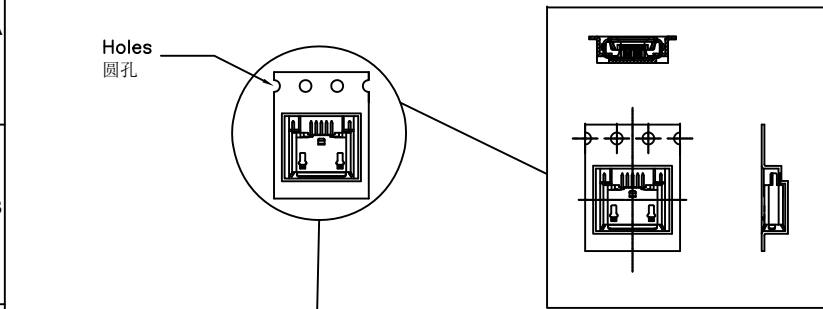
Mechanical 机械性规格:

Mating Force 插入力: 35N Max.

Unmating Force 拔出力: Initial 10N Min., 初始 10N
Final 8N Min., 最后 8N

Durability 耐久性: 10,000 Cycles 次插拔

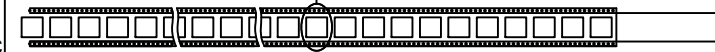
Global Connector Technology Ltd. - USB3105: μ USB Receptacle, Type AB, Through-Hole, Vertical, with 1.5mm Through-Hole Shell Stakes



Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3105-30-A	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 ± 0.2 mm

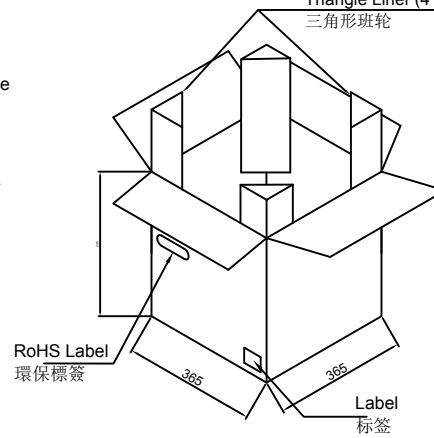


I/O Direction
卷盤逆時針方向轉動

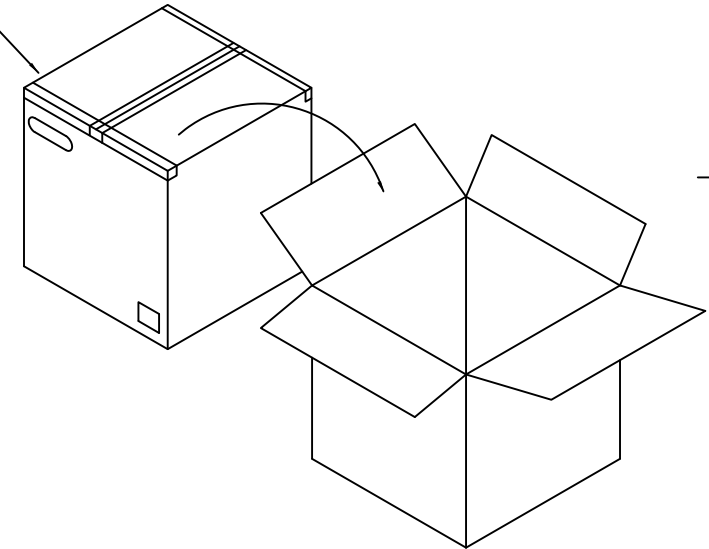


Peel off Angle
剥皮角度
165° ~ 180°

Triangle Liner (4 PCS)
三角形班轮



Inner Box
内盒



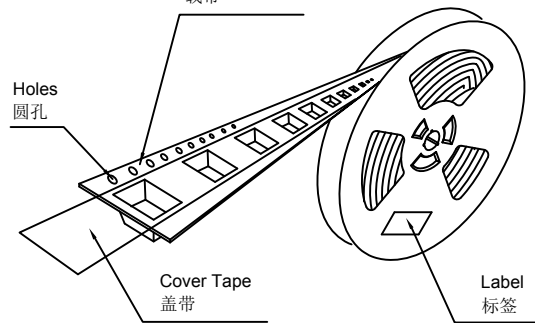
① 10 empty cavities
前留空區

② Connectors in cavities
连接器的腔

③ 25 empty cavities
後留空區

⇒ (I/O DIRECTION)

Carrier Tape
载带



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。

By	SA	SA	CM	CM	AJO
DETAIL	DRAWING RELEASE	PCN USB3105-001	DRAWING UPDATE	PCN USB3105-002	TOLERANCES ADDED
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Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	USB3105	04 APR 11
	Description:-	
	μ USB Receptacle, Type AB, Through-Hole, Vertical, with 1.5mm Through-Hole Shell Stakes	
Third Angle Projection	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

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Scale	Revision	Material	Drawn by	Sheet No.
NTS	E	See Note	SA	2/2