

A

B

C

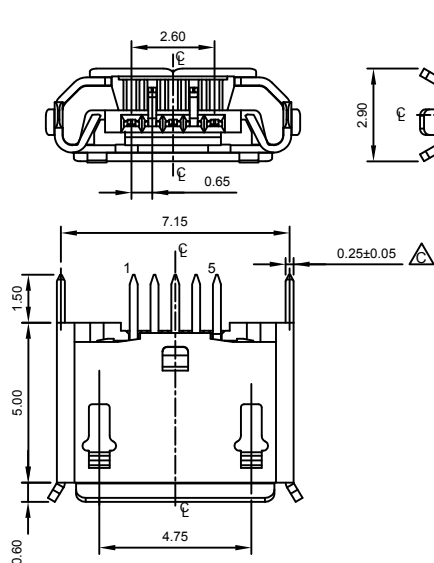
D

E

F

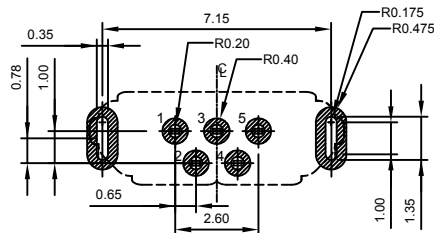
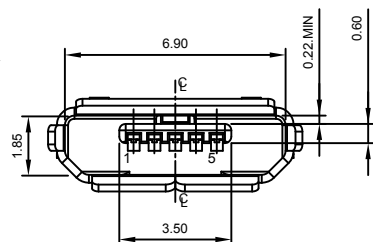
G

H

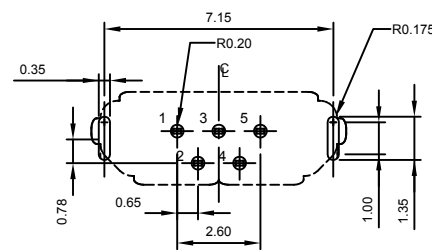


Designed to comply with physical, electrical and environmental requirements of Micro USB Standard (USB2.0), A/B types support USB On-The-Go (OTG) interface.

If you seek longer shell stakes for a thicker PCB (for example 1.60mm (.062")) Please see USB3140 (SMT with cap) or USB3131 / USB3145 (Through-hole)



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



RECOMMENDED P.C.B LAYOUT
(WAVE SOLDER)

GENERAL TOLERANCE: ± 0.05
AS VIEWED FROM COMPONENT SIDE

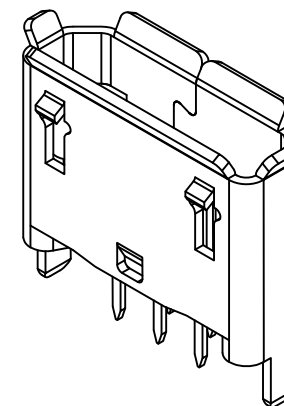
Ordering Grid

USB3130	-	30	-	A	REQUEST SAMPLES AND QUOTATION
Contact Plating		30 = 30 μ " Gold		Packing Options	
				A = Tape & Reel	
				(1.5K per Reel)	

By	ASE	CM	AJO
DETAIL	DRAWING RELEASE	PCN USB3130-001	TOLERANCES ADDED
REV	A	B	C
DATE	21/10/11	23/01/12	07/03/13



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	USB3130	21 OCT 11
X.X $\pm$ 0.35	Description:-	
X.XX $\pm$ 0.25		
	μ USB Receptacle, Type B, 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	



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: Matte Tin 雾锡 80 μ " min.

Electrical 电气规格:

Voltage Rating 电压额定值: 30 V

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.

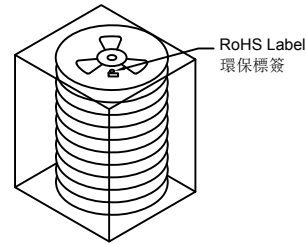
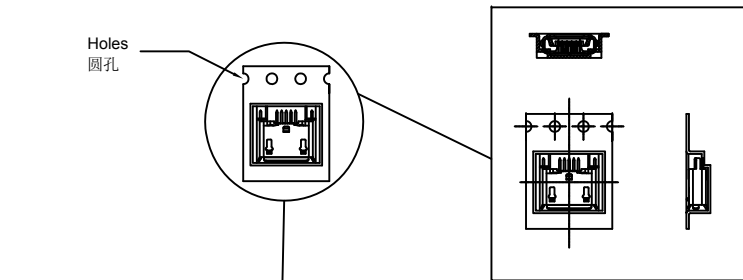
Unmating Force 拔出力: Initial 10N min., 初始10N

Final 8N min., 最后8N

Durability 耐久性: 10,000 Cycles 次插拔

GCT
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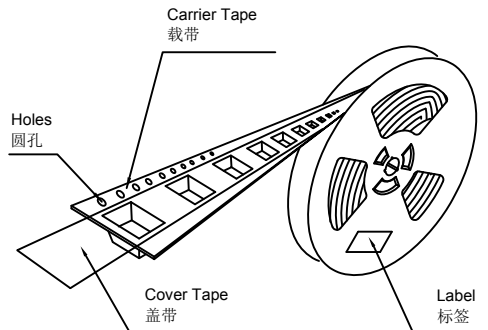
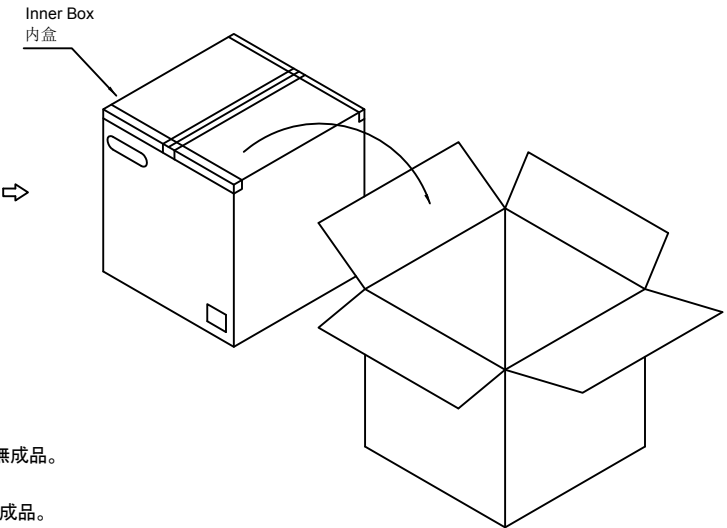
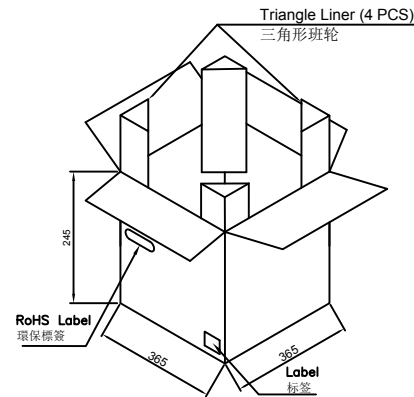
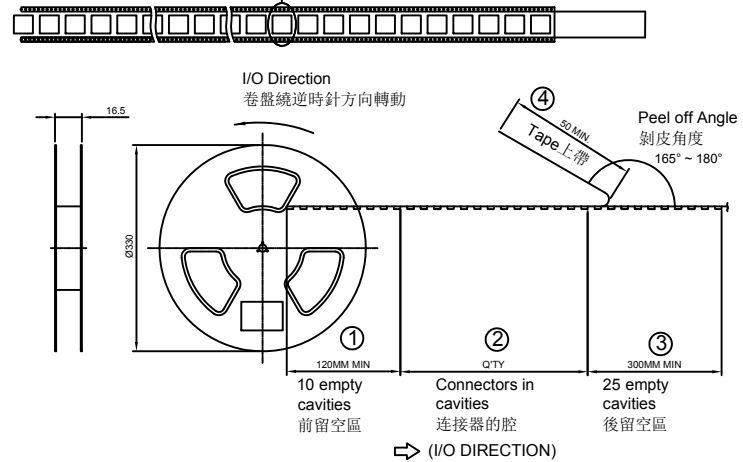
Scale NTS	Revision C	Material See Note	Drawn by ASE	E & OE	Sheet No. 1/2
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Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3130-30-A	1500	10	15000

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



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 後留空區(25PCS), 無成品。
- ④ There are 50mm tape without the carrier 只有上帶, 無下帶。

By	ASE	CM	AJO
DETAIL	DRAWING RELEASE	PCN USB3130-001	TOLERANCES ADDED
REV DATE	A 21/10/11	B 23/01/12	C 07/03/13



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	USB3130	21 OCT 11
Description:-		
μ USB Receptacle, Type B, Through Hole, Vertical, with 1.5mm Through Hole Shell Stakes		
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Third Angle Projection		

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Scale	Revision	Material	Drawn by	Sheet No.
NTS	C	See Note	ASE	E & OE 2/2