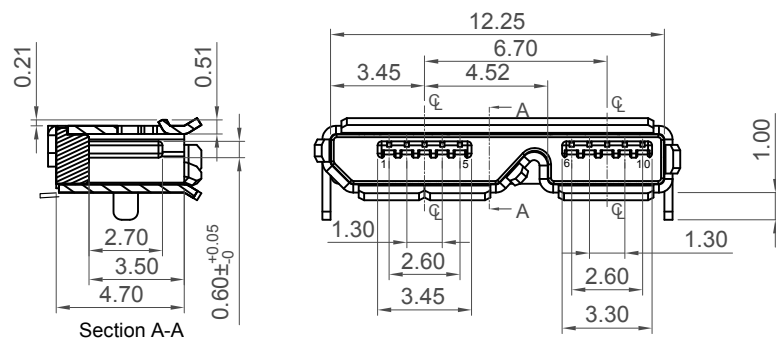
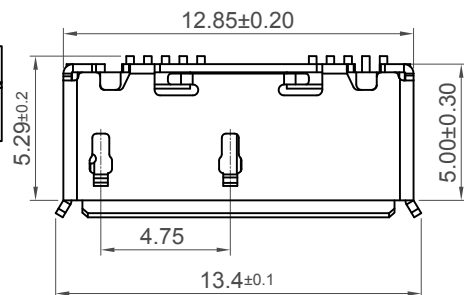
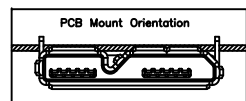
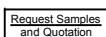
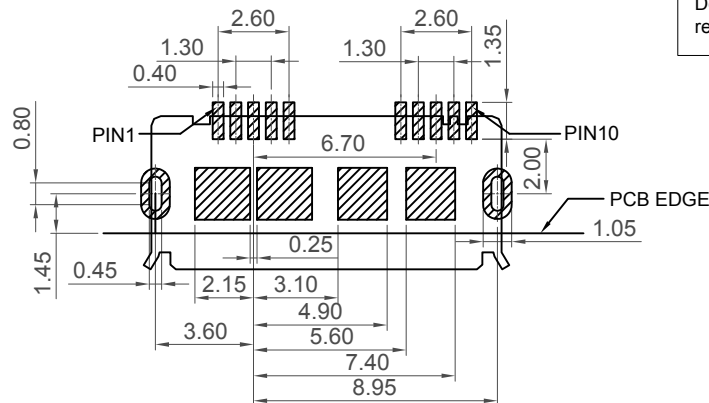


Contact Plating
30 = 30μ" Gold

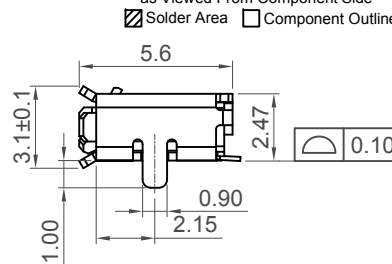


Packing Options
A = Tape & Reel
(1K per Reel)



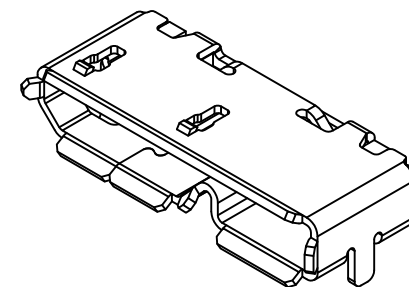
Recommended P.C.B Layout

as Viewed From Component Side



PIN NUMBER	SIGNAL NAME	DESCRIPTION
1	VBUS	Power
2	D-	USB 2.0 Differential pair
3	D+	
4	ID	OTG identification
5	GND	Ground for power return
6	MicB_SSTX-	SuperSpeed transmitter differential pair
7	MicB_SSTX+	
8	GND_DRAIN	Ground for SuperSpeed signal return
9	MicB_SSRX-	SuperSpeed receiver differential pair
10	MicB_SSRX+	
Shell	Shield	Connector metal shell

Designed to comply with physical, electrical and environmental requirements of micro USB Standard Compliance (USB3.0).



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

Finish 表面处理:

Underplating 底层电镀: Nickel

Plating电镀:

Contact Area 接触面积: 30μ" Gold

Solder Tails 焊接末端: Gold Flash

Metallic Shell 金属外壳: Tin

Electrical 电气规格:

Voltage Rating 电压额定值: 100 V AC/DC

Current Rating 电流额定值:

Signal Pins 信号引脚 2,3,4,6,7,8,9,10 at 在 0.25A AC/DC
& Power Pins 电源引脚 1.5 at 在 1.8A AC/DC

Operating Temperature 工作溫度: -30°C to +85°C

Contact Resistance 接触电阻值: 30mΩ Max.

Insulating Resistance 绝缘电阻值: 1000MΩ Min.

Dielectric Withstand Voltage 耐电压: 100V AC/Minute

Mechanical 机械性规格:

Mating Force 插入力: 35N Max.

Unmating Force 拨出力: 10N Min.

Durability 耐久性: 10000

By	AJO
DETAIL	USB3110 F PCN
REV DATE	F 06/06/14

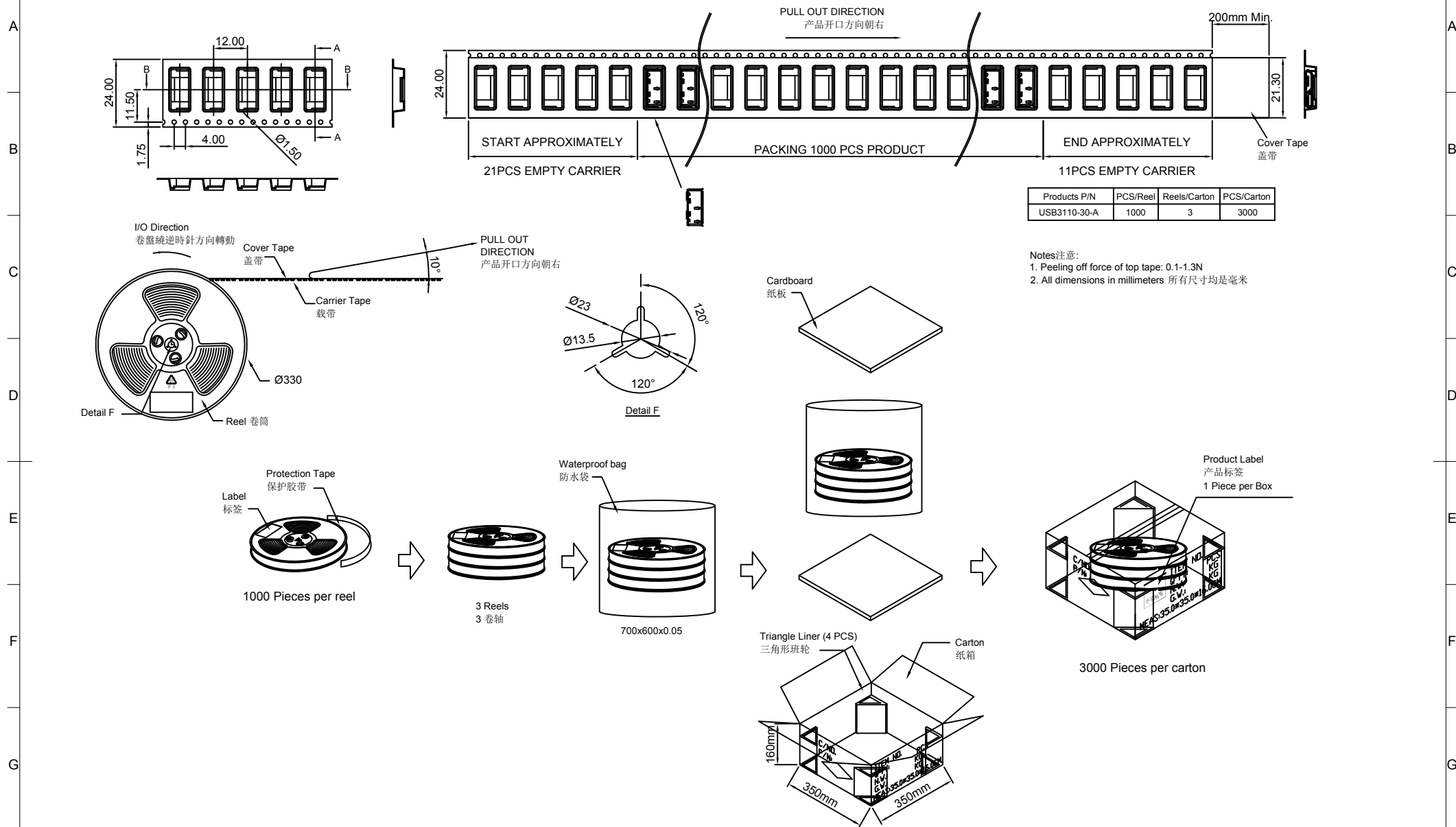


Tolerances (Except as noted)		Part Number	Date
Dimensions in mm		USB3110	16 MAY 11
X.X ± 0.3	X.X" ± 2"	Description USB 3.0 Micro Receptacle, Type B, SMT, Horizontal, 10 Pin, Bottom Mount, with Outer Shell Stakes	
X.XX ± 0.2	X.XX" ± 1"		
X.XXX ± 0.1	X.XXX" ± 0.5"		
 Third Angle Projection		 THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

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Scale NTS	Revision F	Material See Note	Drawn by ASE	E & OE	Sheet No. 1/2
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Global Connector Technology Ltd. - USB3110: USB 3.0 Micro Receptacle, Type B, SMT, Horizontal, 10 Pin, Bottom Mount, W/Outer Shell Stakes



Notes 注意:
 1. Peeling off force of top tape: 0.1-1.3N
 2. All dimensions in millimeters 所有尺寸均是毫米

By	AJO
DETAIL	USB3110 F PCN
REV	F
DATE	06/06/14



Tolerances (Except as noted)		Part Number	Date
Dimensions in mm		USB3110	16 MAY 11
Description		USB 3.0 Micro Receptacle, Type B, SMT, Horizontal, 10 Pin, Bottom Mount, with Outer Shell Stakes	
X.X ± 0.3 X.X° ± 2° X.XX ± 0.2 X.XX° ± 1° X.XXX ± 0.1 X.XXX° ± 0.5°		© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	
Third Angle Projection		Scale	Revision
		NTS	F

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Material	Drawn by	Sheet No.
See Note	ASE	1/2
E & OE		