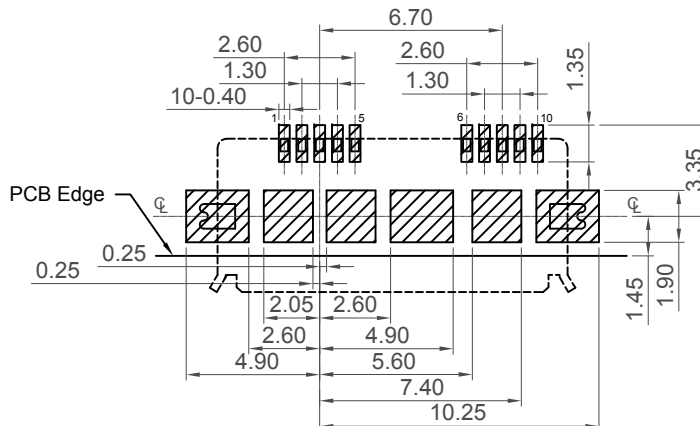
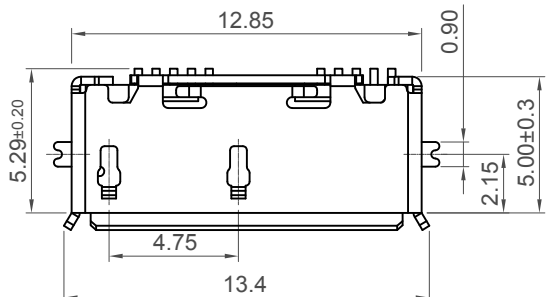


Designed to comply with physical, electrical and environmental requirements of micro USB Standard Compliance (USB3.0).

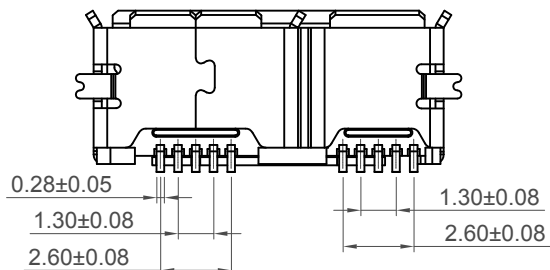
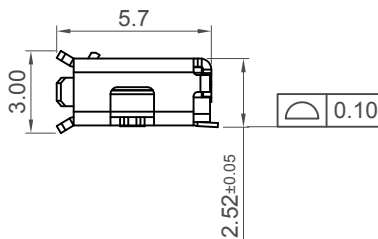
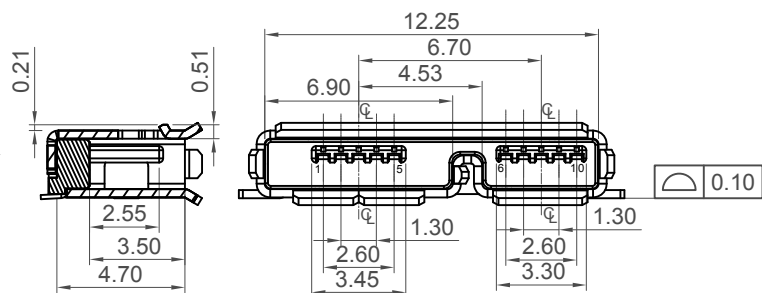
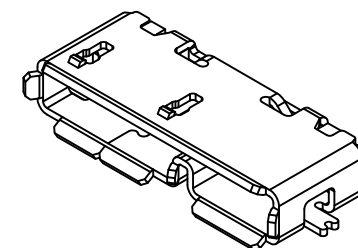
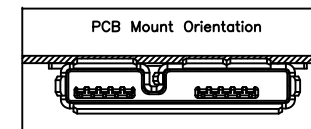


**RECOMMENDED P.C.B LAYOUT**

GENERAL TOLERANCE: ±0.05

AS VIEWED FROM COMPONENT SIDE

- Solder Area
- Component Outline



**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 在 0.25A AC/DC
  - & Power Pins 电源引脚 1,5 在 1.8A AC/DC
- Operating Temperature 工作温度: -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 拔出力: 10N Min.
- Durability 耐久性: 10000

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

**Ordering Grid**

USB3125-30-A Request Samples and Quotation

Contact Plating  
30 = 30µ" Gold

Packing Options  
A = Tape & Reel  
(1000 per Reel)

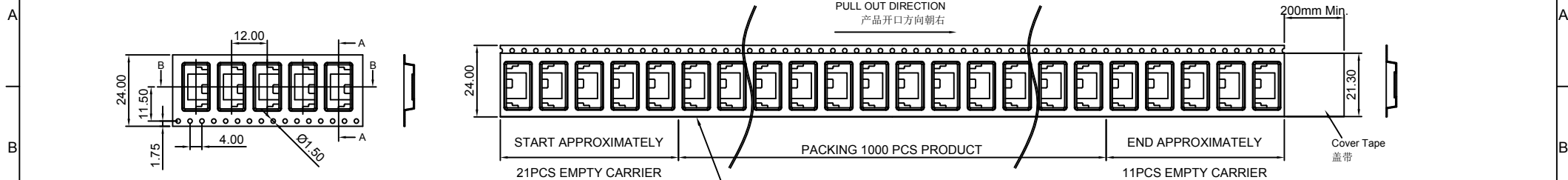
By	AJO
DETAIL	USB3125 E PCN
REV DATE	E 06/06/14



Tolerances (Except as noted)	
Dimensions in mm	
X.X ± 0.3	X.X* ± 2*
X.XX ± 0.2	X.XX* ± 1*
X.XXX ± 0.1	X.XXX* ± 0.5*
Third Angle Projection	

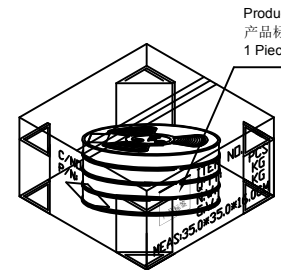
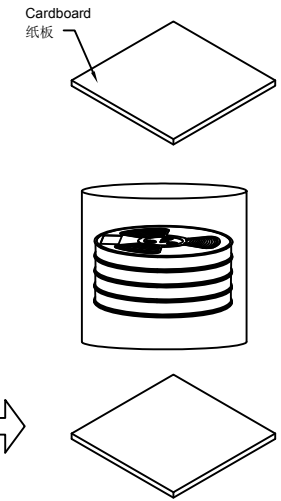
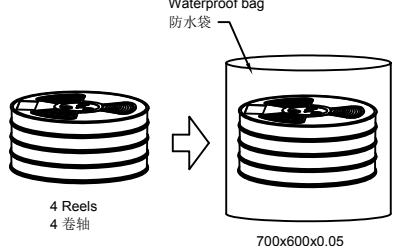
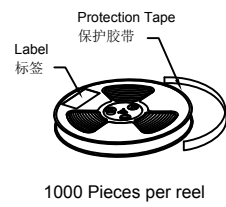
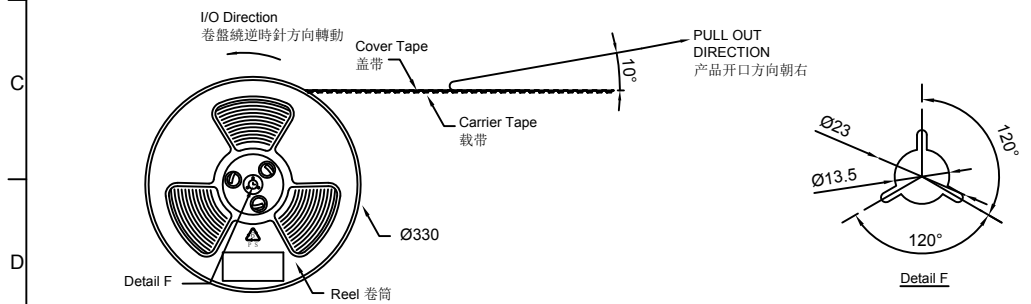
Part Number:-	Date:-
USB3125	16 MAY 11
Description:-	
USB 3.0 Micro Receptacle, Type AB, SMT, Horizontal, 10 Pin, Bottom Mount, with SMT Holddown Pads	
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Scale	Revision	Material	Drawn by
NTS	E	See Note	ASE
		E & OE	Sheet No.
			1/2



Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3125-30-A	1000	4	4000

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	USB3125 E PCN
REV DATE	E 06/06/14



Tolerances (Except as noted)	Part Number	Date
Dimensions in mm	USB3125	16 MAY 11
X.X ± 0.3 X.X* ± 2°	Description	
X.XX ± 0.2 X.XX* ± 1°	USB 3.0 Micro Receptacle, Type AB, SMT, Horizontal, 10 Pin, Bottom Mount, with SMT Holdown Pads	
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	E

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Material See Note	Drawn by ASE	Sheet No. 2/2
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