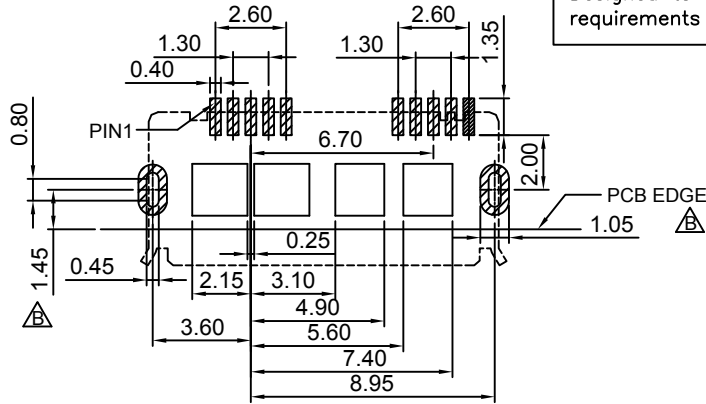
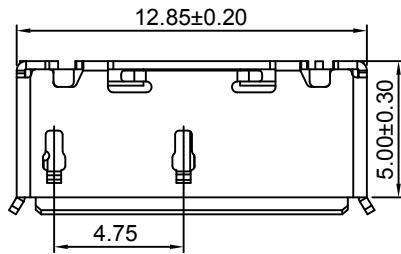


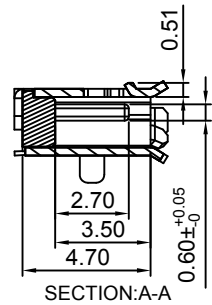
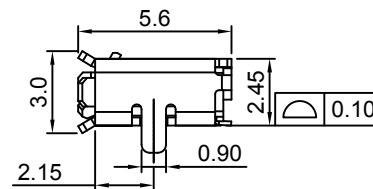
Designed to comply with physical, electrical and environmental requirements of micro USB Standard Compliance (USB3.0).



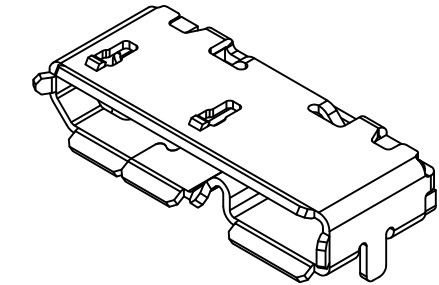
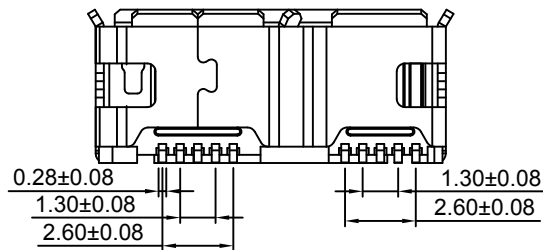
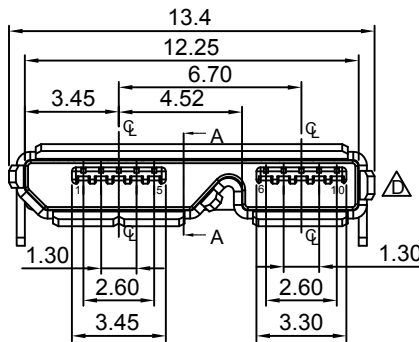
RECOMMENDED P.C.B LAYOUT

AS VIEWED FROM COMPONENT SIDE

▨ Solder Area □ Component Outline



SECTION:A-A



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 Mode 信号模式 1.0A AC/DC All Pins 所有引脚
Power Mode 电源模式
Signal Pins 信号引脚 2,3,4,6,7,8,9 at 在 0.5A AC/DC & Power Pins 电源引脚 1,5 at 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
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

Ordering Grid

USB3110

30

A

REQUEST SAMPLES AND QUOTATION

Contact Plating
30 = 30μ" Gold

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

By	ASE	ASE	ASE	AJO
DETAIL	DRAWING RELEASE	ADDED PCB EDGE	PCN:- μUSB3.0-001	PIN INFO & SPEC UPDATES
REV DATE	A 16/05/11	B 13/09/11	C 01/02/12	D 17/09/12



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	

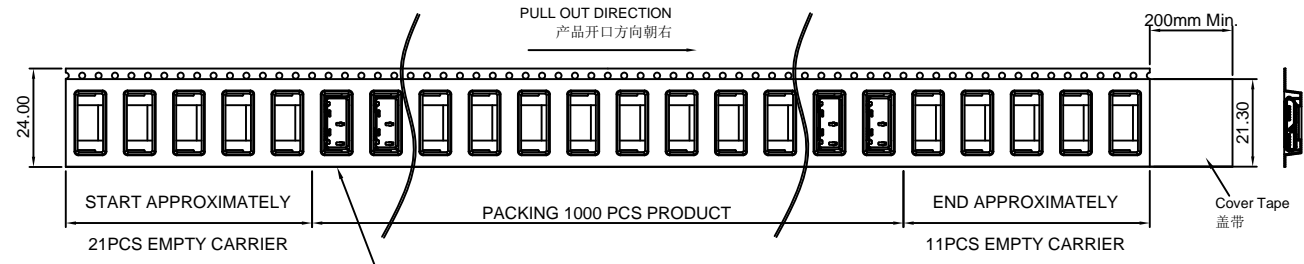
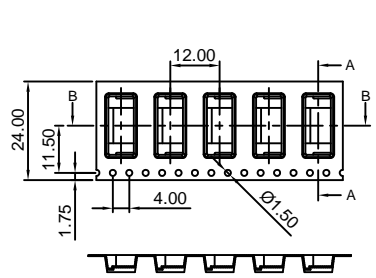
Part Number:-	Date:-
USB3110	16 MAY 11
Description:-	
USB 3.0 MICRO RECEPTACLE, TYPE B, SMT, HORIZONTAL, 10 PIN, BOTTOM MOUNT, W/OUTER SHELL STAKES	
© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

GCT

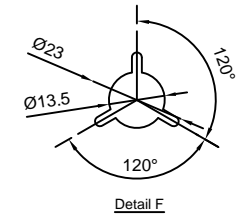
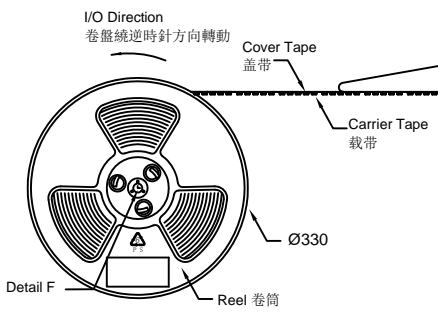
www.globalconnectortechology.com

Scale NTS	Revision D	Material See Note	Drawn by ASE	E & OE	Sheet No. 1/2
-----------	------------	-------------------	--------------	--------	---------------

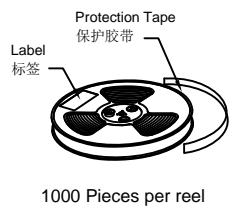
Global Connector Technology Ltd. - USB3110: USB 3.0 Micro Receptacle, Type B, SMT, Horizontal, 10 Pin, Bottom Mount, W/Outer Shell Stakes



Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB3110-30-A	1000	3	3000



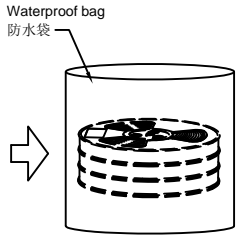
Notes 注意:
 1. Peeling off force of top tape: 0.1-1.3N
 2. All dimensions in millimeters 所有尺寸均是毫米



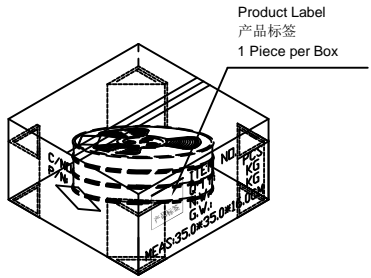
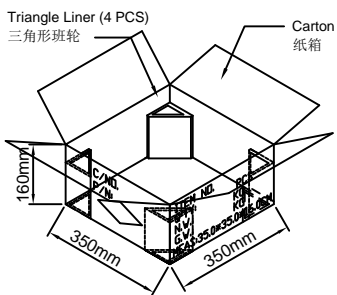
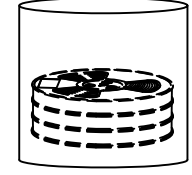
1000 Pieces per reel



3 Reels
3 卷轴



700x600x0.05



3000 Pieces per carton

By	ASE	ASE	ASE	AJO
DETAIL	DRAWING RELEASE	ADDED PCB EDGE	PCN:- µUSB3.0-001	PIN INFO & SPEC UPDATES
REV	A	B	C	D
DATE	16/05/11	13/09/11	01/02/12	17/09/12



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, W/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	

GCT

www.globalconnectortechnology.com

Scale	Revision	Material	Drawn by	Sheet No.
NTS	D	See Note	ASE	2/2