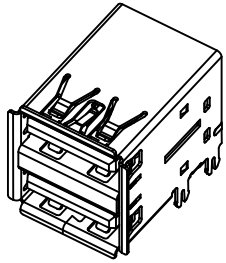
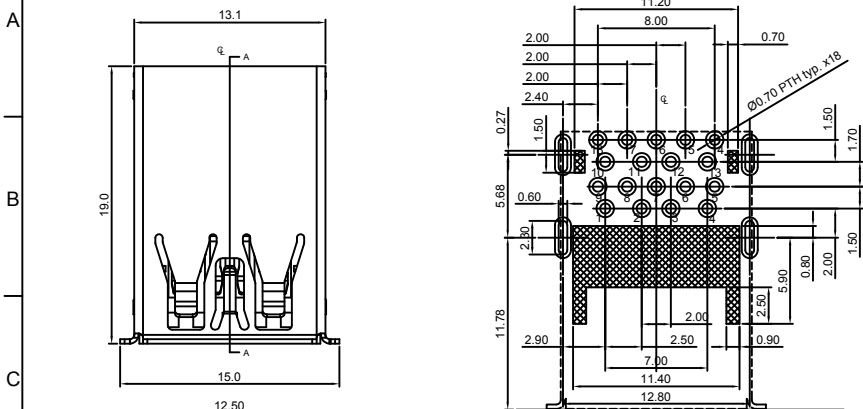
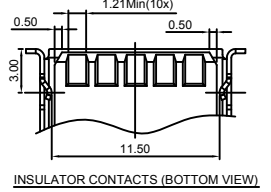
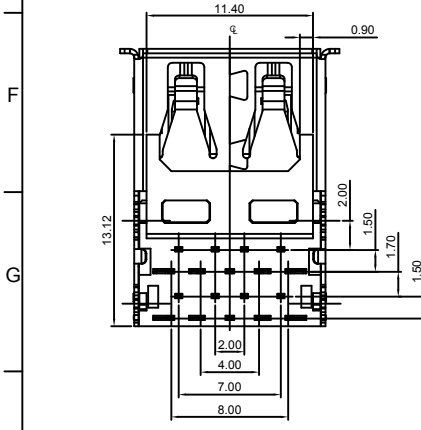
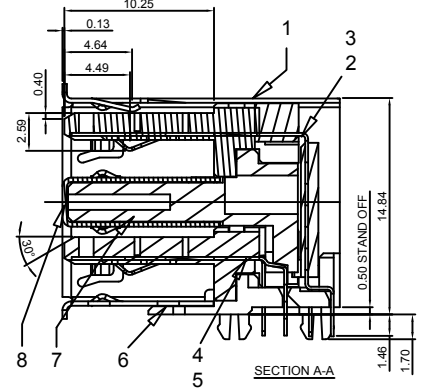
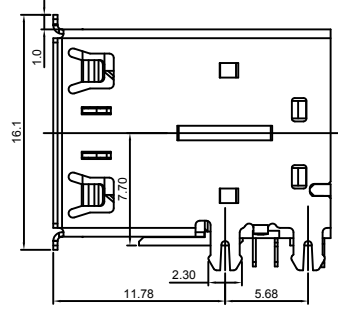
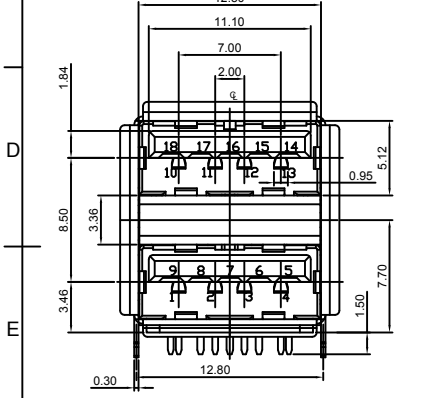


Designed to comply with physical, electrical and environmental requirements of full size USB Standard Compliance (USB3.0).



RECOMMENDED PCB LAYOUT
AS VIEWED FROM COMPONENT SIDE
Keep Out Area TOLERANCE: ±0.05mm
Component Outline THICKNESS: 1.2mm



Ordering Grid
USB1100-30-A REQUEST SAMPLES AND QUOTATION
Contact Plating: 30 = 30µ" Gold
Packing Options: A = Tape & Reel (140 per reel)

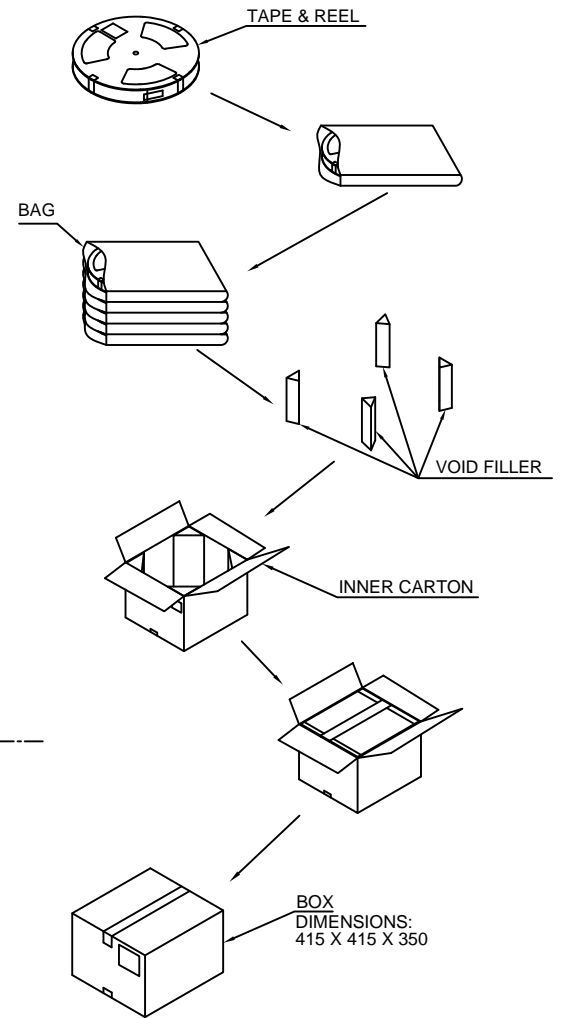
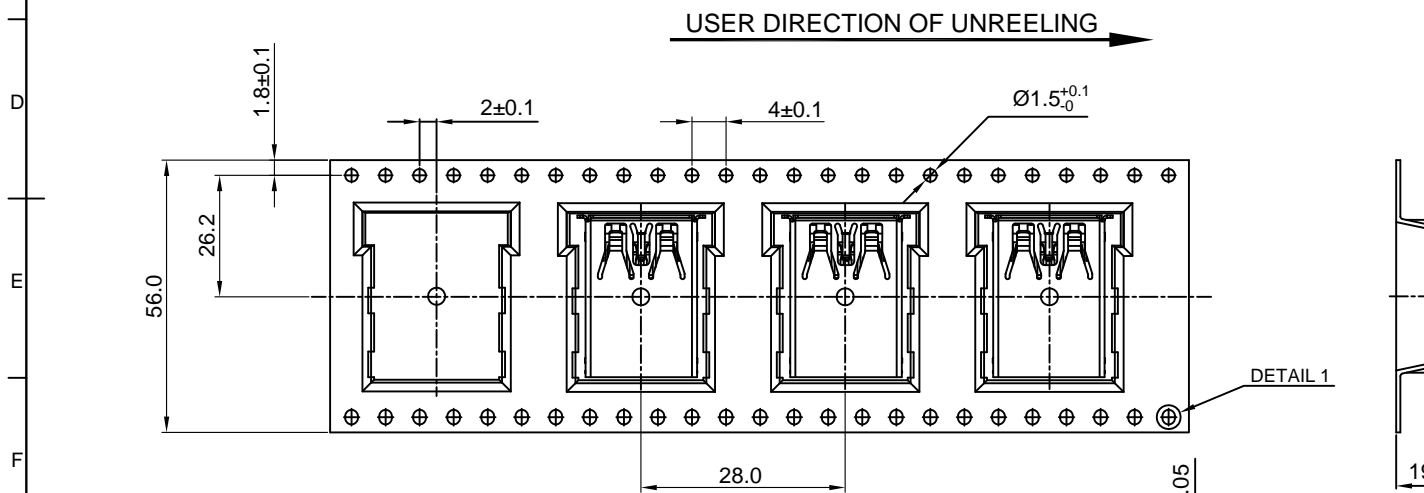
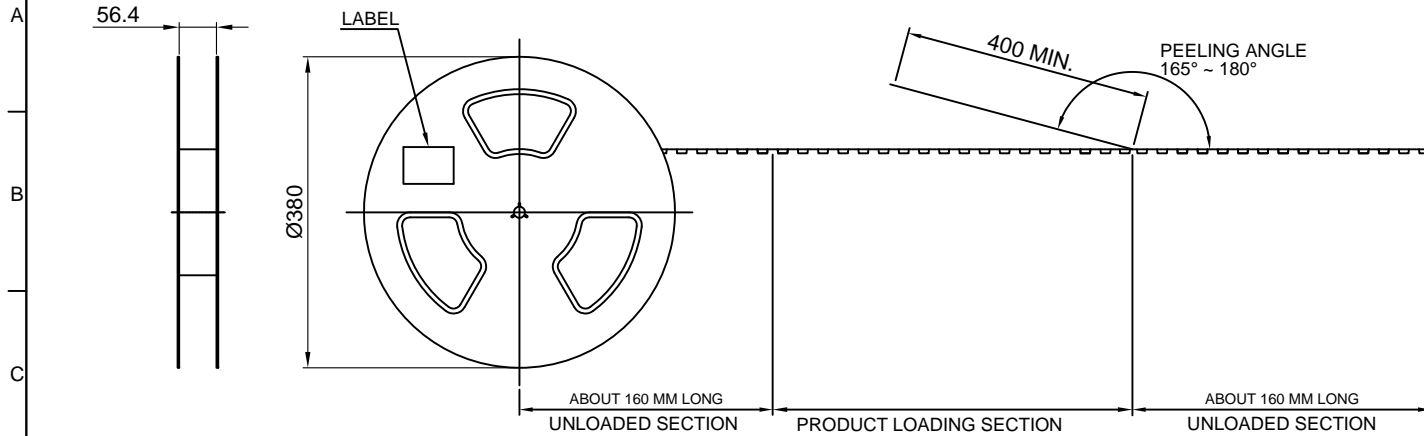
No.	PART NAME	Q'TY	MATERIAL	FINISH
1	COVER	1	SUS201	NI PLATING
2	TOP HOUSING	1	PA9T	
3	TOP PIN	1	C5210 EH	Au PLATING
4	BOTTOM HOUSING	1	PA9T	
5	BOTTOM PIN	1	C5210 EH	Au PLATING
6	BASE	1	PA9T	
7	SPACER	1	PA9T	
8	MID-PLATE	1	SUS201	DEGREASE

PIN LAYOUT			
PIN No.	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
SHELL	SHIELD	CONNECTOR METAL SHELL	FIRST

Specifications 规格:
Materials 材料:
Plastic Housing 塑胶外壳: PA9T, UL94V-0 Blue
Contact Terminal 接触端子: Copper Alloy 铜合金
Metallic Shell 金属外壳: SUS201 (T=0.30mm)
Finish 表面处理:
Underplating 底层电镀: 50µ" min. Nickel
Plating 电镀 (See table above for more info):
Contact Area 接触面积: Gold (See ordering grid)
Solder Tails 焊接末端: 80µ" min. Tin
Metallic Shell 金属外壳: 50µ" min. Nickel
Electrical 电气规格:
Voltage Rating 电压额定值: 100 V AC
Current Rating 电流额定值:
0.25A (Signal Pins 信号引脚 2,3,5,6,7,8,9)
1.8A (Power Pins 电源引脚 1,4)
Operating Temperature 工作温度: -55°C to +85°C
Contact Resistance 接触电阻值: 30 mΩ max.
Insulating Resistance 绝缘电阻值: 1000 MΩ min.
Dielectric Withstand Voltage 耐电压: 500V AC/minute
Mechanical 机械性规格:
Mating Force 插入力: 35N max.
Unmating Force 拨出力: 10N min. initial, 8N min. after test
Durability 耐久性: 5000 Cycles

By	AJO	AJO
DETAIL	Drawing Release	PCN USB1100-001
REV DATE	A 31/10/13	B 09/12/13

	Tolerances (Except as noted)	Part Number:-	Date:-	 www.gct.co	
	Dimensions in mm	USB1100	31 OCT 13		
	X. ± 0.50 X.X ± 0.38 X.XX ± 0.20 X.XXX ± 0.10	ANGLE	Description:-		
	± 2°	USB 3.0 Dual Receptacle, Full Size, Type A, Top Mount, Horizontal, Through-Hole	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT		Scale NTS Revision B Material See Note Drawn by AJO E & OE Sheet No. 1/2



Notes 注意:

Material 材质要求:

- Box 箱: Fibreboard 瓦楞纸板 Double Wall 双壁,
- Tape 带子: Polystyrene 聚苯乙烯, Black 黑色
- Heat Resistant Temperature 耐热温度: 120°C
- Reel 卷筒: Polystyrene 聚苯乙烯, Blue 蓝色
- Heat Resistant Temperature 耐热温度: 70°C
- Bag 包: Polyethylene 聚乙烯 Heat Resistant Temperature 耐热温度: 100°C

Packing Spec 包装要求:

1. Peeling strength 剥离强度: 0.1N-1.3N (10-130grams)
2. Peeling Speed 剥离速度: 300 mm/min
3. Each bag will include desiccant. 每个包将包括干燥剂

Products P/N	PCS/Reel	Reels/Carton	PCS/Carton
USB1100	140	5	700

By	AJO	AJO
DETAIL	Drawing Release	PCN USB1100-001
REV DATE	A 31/10/13	B 09/12/13



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	USB1100	31 OCT 13
	Description:-	
	USB 3.0 Dual Receptacle, Full Size, Type A, Top Mount, Horizontal, Through-Hole	
Third Angle Projection	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

GCT
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Scale NTS	Revision B	Material See Note	Drawn by AJO	E & OE	Sheet No. 2/2
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