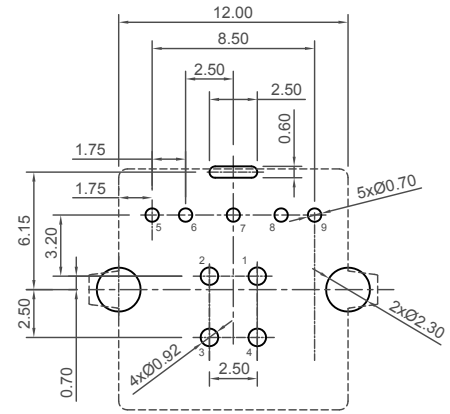
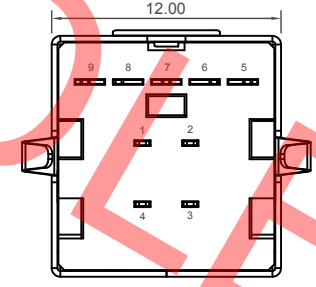
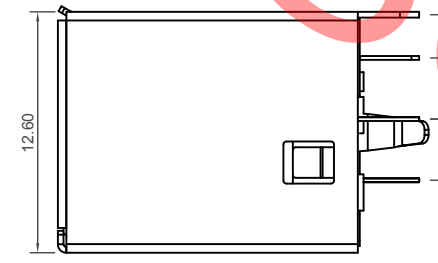
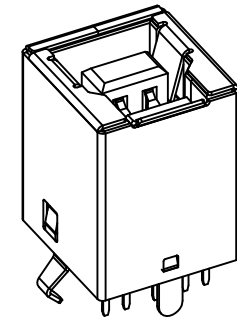


Section A-A

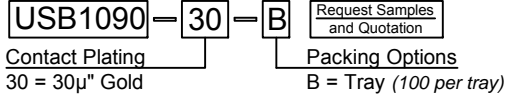


**Recommended PCB Layout**  
General Tolerance  $\pm 0.05$   
as viewed from component side  
■ Solder Area □ Component Outline



PIN	SIGNAL
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

**Ordering Grid**



**Specifications 规格**

**Materials 材料**

Plastic Housing 塑胶外壳: LCP, UL 94V-0 A, 30% Glass-Filled, Blue  
Contact Terminal 接触端子: Copper Alloy  
Metallic Shell 金属外壳: Brass

**Plating 电镀**

Contact Area 接触面积: Gold 30µm  
Contact Area Underplating 接触面积侵: 50µm min. Nickel  
Solder Area 焊接末端: Tin 80µm Min.  
Solder Area Underplating 焊接末端侵: 50µm min. Nickel  
Metallic Shell 金属外壳: Nickel 80µm min.

**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 电源接脚 1,4)  
Contact Resistance 接触电阻值: 30mΩ max.  
Insulating Resistance 绝缘电阻值: 1000 MΩ min.  
Dielectric Withstand Voltage 耐电压: 100V AC/minute

**Mechanical & Environmental 机械 & 环境**

Mating Force 插入力: 35N max.  
Unmating Force 拨出力: 10N min. initial, 8N min. after test  
Operating Temperature 工作温度: -55°C to +85°C  
Durability 耐久性: 5000 Cycles

Part Number		Product Description	
USB1090		USB 3.0 Receptacle, Type B, Through Hole, Vertical, 9 Pin, with Kinked Shell Stakes	
Drawing Date		11th March 2013	
By	AJO	Tolerances (Except as Noted)	Units:
Detail	USB1090 X PCN	Length X $\pm 0.30$ X.X $\pm 0.25$ X.XX $\pm 0.20$ X.XXX $\pm 0.15$	Metric (mm)
Revision	X	Angle	$\pm 2^\circ$
Date	30/06/15	3rd Angle Projection	

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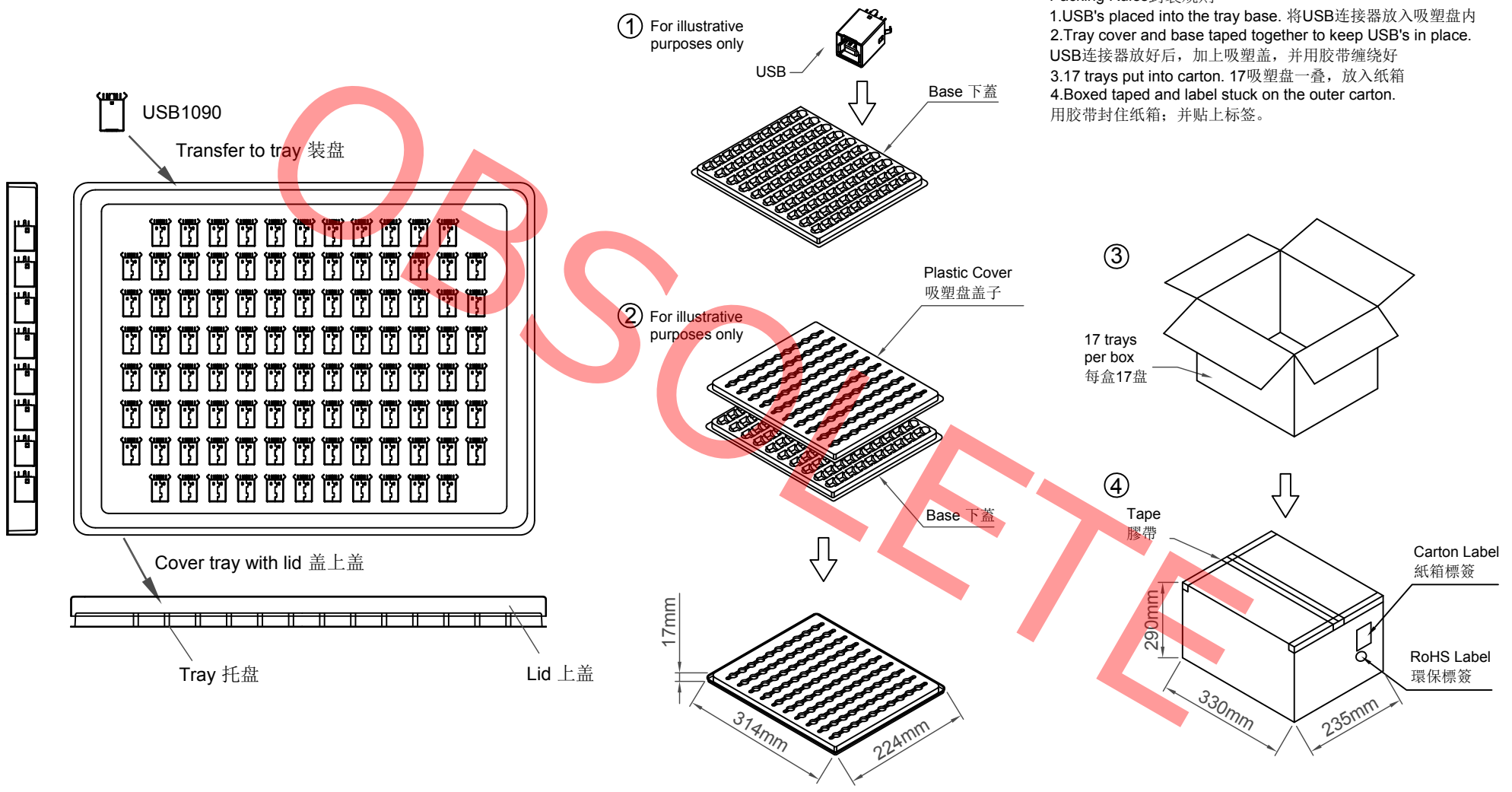
Not to Scale  
Drawn By AJO  
Sheet No. 1/2

This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

H  
G  
F  
E  
D  
C  
B  
A

Products P/N	PCS/Tray	Trays/Carton	PCS/Carton
USB1090	100	16	1600

Packing Rules 封裝規則:  
 1. USB's placed into the tray base. 將USB连接器放入吸塑盘内  
 2. Tray cover and base taped together to keep USB's in place. USB连接器放好后, 加上吸塑盖, 并用胶带缠绕好  
 3. 17 trays put into carton. 17吸塑盘一叠, 放入纸箱  
 4. Boxed taped and label stuck on the outer carton. 用胶带封住纸箱; 并贴上标签。



Part Number USB1090		Product Description USB 3.0 Receptacle, Type B, Through Hole, Vertical, 9 Pin, with Kinked Shell Stakes	
Drawing Date 11th March 2013			
By AJO	Tolerances (Except as Noted)	Units: Metric (mm)	
Detail USB1090 X PCN	Length X ± 0.15 X.X ± 0.10 X.XX ± 0.05 X.XXX ± 0.03	Angle ± 1°	
Revision X			This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Date 30/06/15			

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