

**MATERIAL:**

HOUSING : PA6T,UL94V-0,BLACK.  
 TERMINALS BRACKET: PA6T,UL94V-0,BLACK.  
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
 TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,  
 6U" GOLD PLATING ON CONTACT AREA.

**MECHANICAL:**

DURABILITY : 750 CYCLES MIN.  
 MATING FORCE : 23N MAX.  
 OPERATING TEMPERATURE: -40°C~+85°C.  
 STORAGE TEMPERATURE: -40°C~+85°C.  
 ALL CRITICAL DIMENSIONS WITH "\*\*"

RECOMMENDED PCB LAYOUT  
 VIEWED FROM COMPONENT SIDE

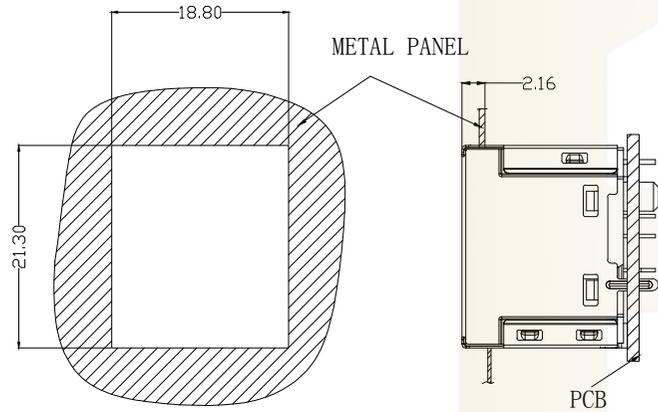
**Ordering Information**

HC 62 \* \* \*\* A - M\*\*\* - A

Type	LED Color	EMI	Ports	产品序号
61-立式插件	中-蓝灯	中-蓝弹	1*3	
62-立式插件	1-带灯 (左黄右绿)	7-带弹	01+1口	
63-卧式插件	2-带灯 (左黄右绿)	3-带灯 (左黄右绿)	02+2口	
64-立式插件	3-带灯 (左黄右绿)	4-带灯 (左黄右绿)	22+2口	
65-立式插件	4-带灯 (左黄右绿)	5-带灯 (左黄右绿)	.....	

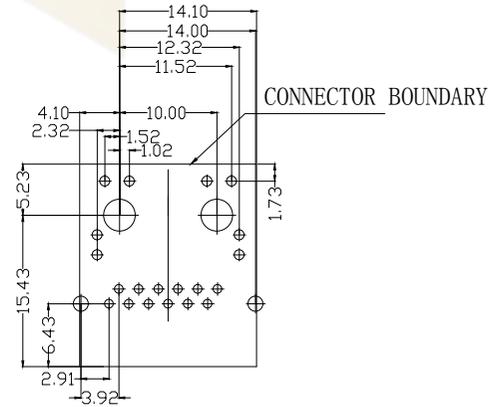
			GENRL TOLERANCE	制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK	产品名称 TITLE	网络插座 (立插 带灯无弹 左绿右黄 TAB-UP 1x1 1000BASE POE+)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC622601A-M953-A	单位 UNITS	mm
			X.XX ±0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	1/4
			X.XXX ±0.10	投影 Projection				
1	初版发行		Angle ±3.0°					
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE						

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY) :



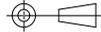
UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10 / 0.004$   
REFERENCE ONLY

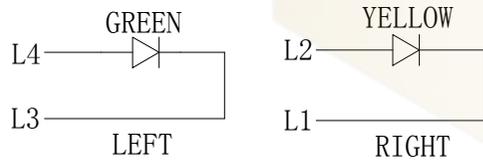
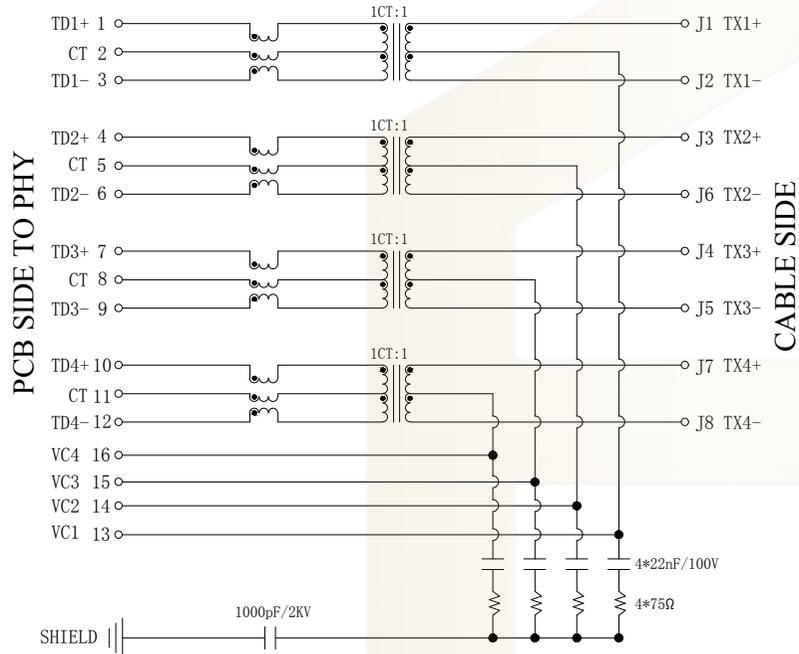
KEEP-OUT AREA (COMPONENT SIDE VIEW) :



PLUG-IN SIDE

UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10 / 0.004$

			GENEAL TOLERANCE	制图 DRAWING	 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO., LTD			
			DIM TOL	审核 CHECK				
			X.X $\pm 0.30$	批准 APPROVAL	产品名称 TITLE	网络插座 (立插 带灯无弹 左绿右黄 TAB-UP 1x1 1000BASE POE+)	版本 REV.	A
1	初版发行		X.XX $\pm 0.20$	比例 SCALE	产品料号 PART NO.	HC622601A-M953-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XXX $\pm 0.10$	投影 Projection	材料 MATERIAL		页次 SHEET	2/4
			Angle $\pm 3.0^\circ$					



**Electrical:**

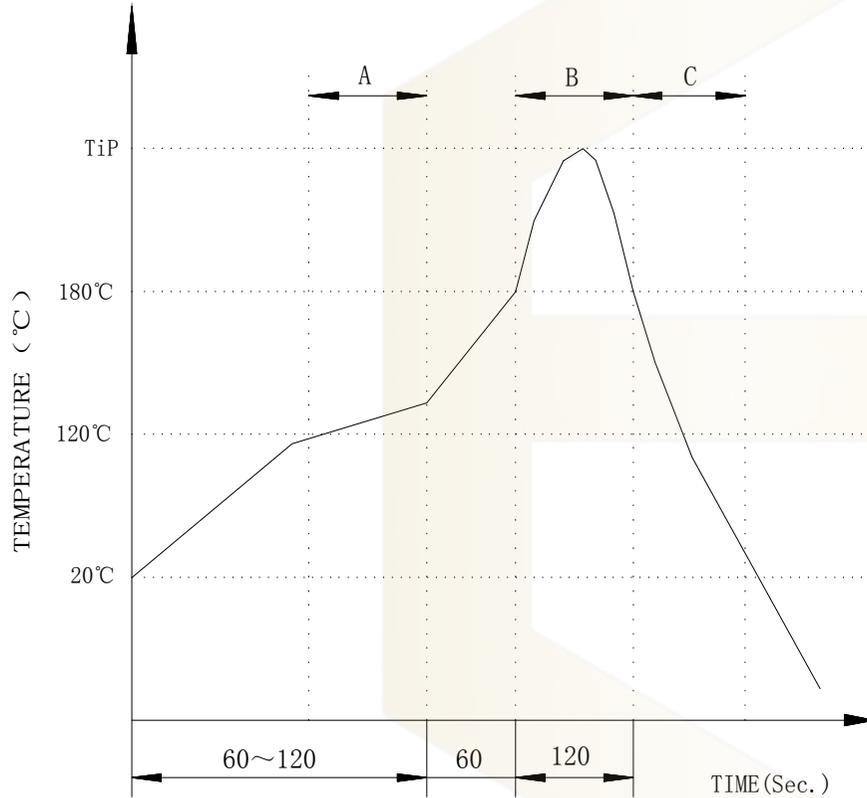
- Turn ratio: 1~3: J1~J2=1CT:1CT(±2%).  
4~6: J3~J6=1CT:1CT(±2%).  
7~9: J4~J5=1CT:1CT(±2%).  
10~12: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min. @ 100KHz 100mV  
RMS(4Channel) 18mA DC BIAS.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
- Cross talk: -30dB Min 1~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 2250V DC 60S 1mA Max
- Single port magnetic jack POE magnetics acc.  
To IEEE802.3at for PSE or PD applications.
- 100% of production tested to comply with  
IEEE 802.3 isolation requirements balanced DC  
line current 720mA max. @57V DC continuous.

**LED Specification**

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

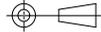
			GENEAL TOLERANCE	制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO., LTD			
			DIM TOL	审核 CHECK	产品名称 TITLE	网络插座 (立插 带灯无弹 左绿右黄 TAB-UP 1x1 1000BASE POE+)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC622601A-M953-A	单位 UNITS	mm
			X.XX ±0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	3/4
			X.XXX ±0.10	投影 Projection				
1	初版发行		Angle ±3.0°					
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE						

# PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling  
 Tip temperature:260±5°C.  
 Tip temperature time:5Sec Max.  
 Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

			GENEAL TOLERANCE	制图 DRAWING	 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK	产品名称 TITLE	网络插座 (立插 带灯无弹 左绿右黄 TAB-UP 1x1 100BASE POE+)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC622601A-M953-A	单位 UNITS	mm
			X.XX ±0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	4/4
			X.XXX ±0.10	投影 Projection				
1	初版发行		Angle ±3.0°					
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE						