

**MATERIAL:**

HOUSING: PBT,UL94V-0,BLACK.  
 TERMINALS BRACKET: PBT,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 "\*"

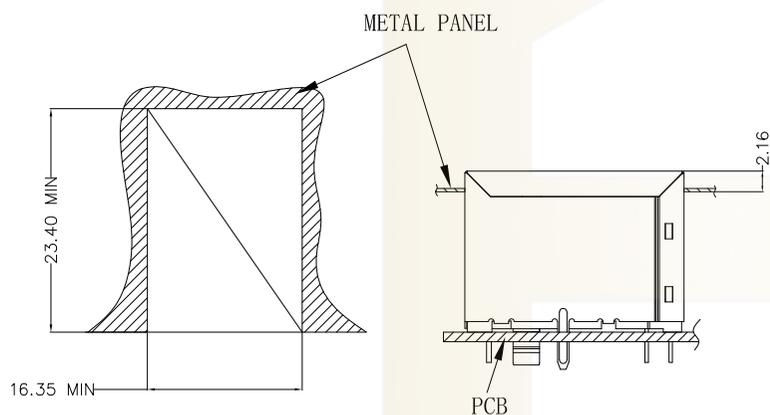
**Ordering Information**

HC 6\* \* \* \*\* A - M\*\*\* - A

Type	LED Color	EMI	Ports	产品序号
▶ 立式插孔	▶ 蓝色	▶ 无弹	▶ 1x10	
▶ 卧式插孔	▶ 红色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	
▶ 立式插孔	▶ 蓝色 (左弹右锁)	▶ 有弹	▶ 1x10	

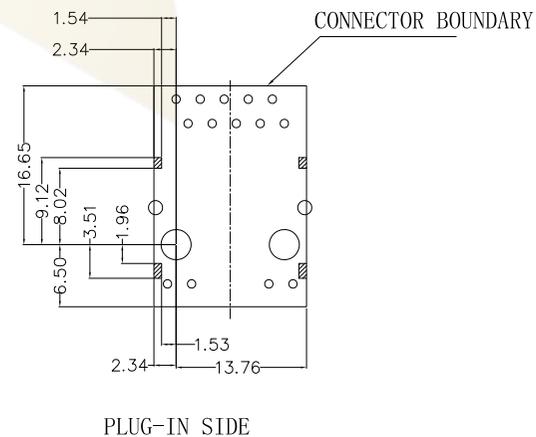
			GENERAL TOLERANCE		制图		<b>深圳市华灿天禄电子有限公司</b> ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL		DRAWING CHECK					
			X.X ±0.30		批准		产品名称		版本	
			X.XX ±0.20		CHECK		TITLE		REV.	
			X.XXX ±0.10		APPROVAL		网络插座 (立插 带灯无弹 TAB-UP 1x1 10/100/100BASE)		A	
1 初版发行			Angle ±3.0°		投影		产品料号		单位	
序号 No.			变更内容 MODIFY CONTENT		日期 MODIFY DATE		PART NO.		UNITS	
							HC621601A-M984-A		mm	
					MATERIAL		材料		页次	
							SHEET		1/4	

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



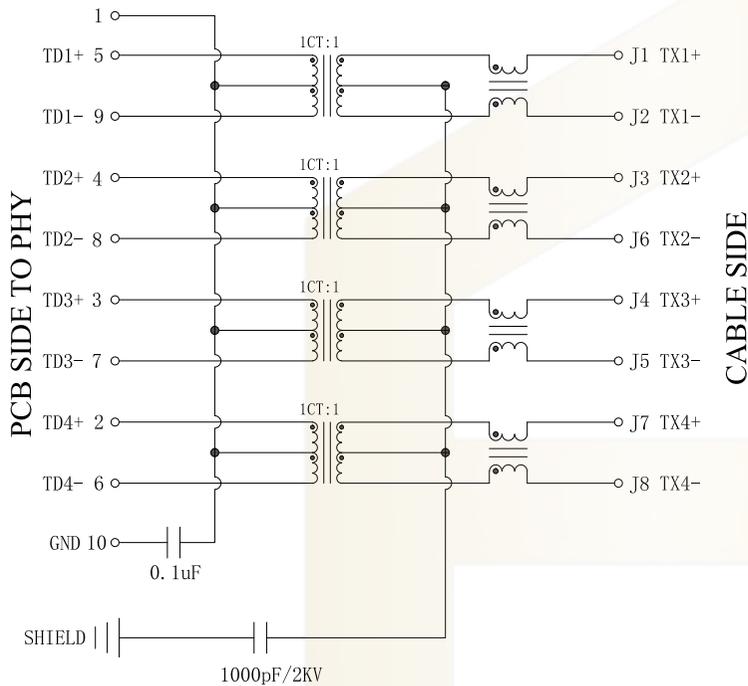
UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10 / 0.004$   
REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW):



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

			GENERAL 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 TAB-UP 1x1 10/100/1000BASE)	版本 REV.	A
			X.XX $\pm 0.20$	比例 SCALE	产品料号 PART NO.	HC621601A-M984-A	单位 UNITS	mm
			X.XXX $\pm 0.10$		材料 MATERIAL			
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle $\pm 3.0^\circ$	投影 Projection		页次 SHEET		2/4

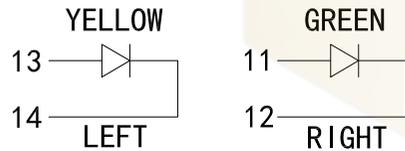


**Electrical:**

1. Turn ratio: 5~9: J1~J2=1CT:1CT(±2%).  
4~8: J3~J6=1CT:1CT(±2%).  
3~7: J4~J5=1CT:1CT(±2%).  
2~6: J7~J8=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -18dB Min 1~30MHz;  
-16dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
5. Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

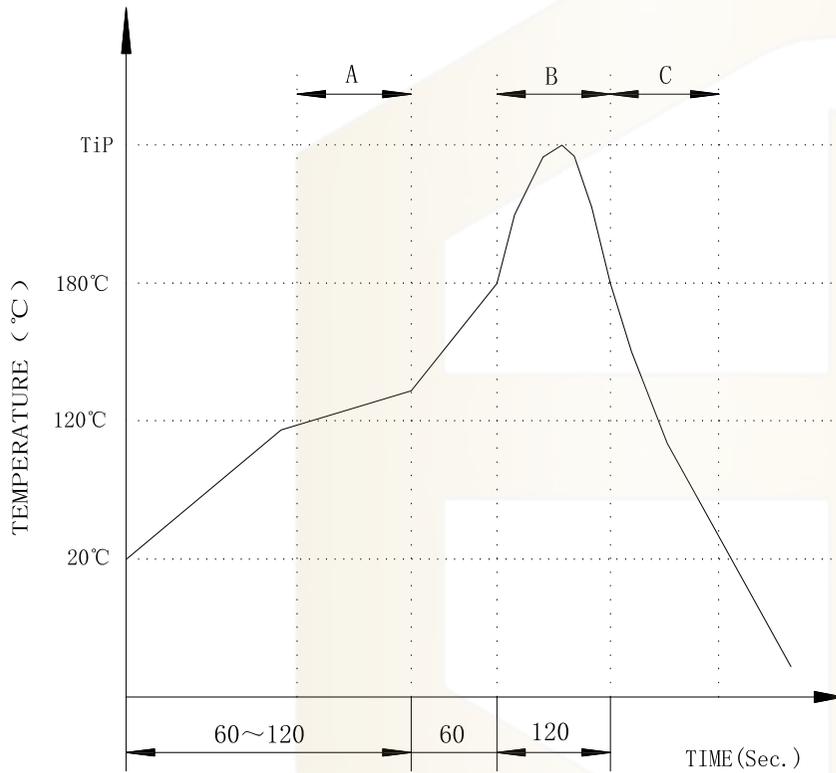
**LED Specification**

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 TAB-UP 1x1 10/100/1000BASE)	版 本 REV.	A
			X. X ±0.30	批 准 APPROVAL	产品料号 PART NO.	HC621601A-M984-A	单 位 UNITS	mm
1	初版发行		X. XX ±0.20	投 影 SCALE	材 料 MATERIAL		页 次 SHEET	3/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X. XXX ±0.10	Angle ±3.0°				

# 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.

			GENE RL 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 TAB-UP 1x1 10/100/1000BASE)	版 本 REV.	A
			X. X ±0.30	批 准 APPROVAL		产品料号 PART NO.	HC621601A-M984-A	单 位 UNITS	mm
1	初版发行		X. XX ±0.20	比 例 SCALE		材 料 MATERIAL		页 次 SHEET	4/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X. XXX ±0.10	投 影 Projection					
			Angle ±3.0°						