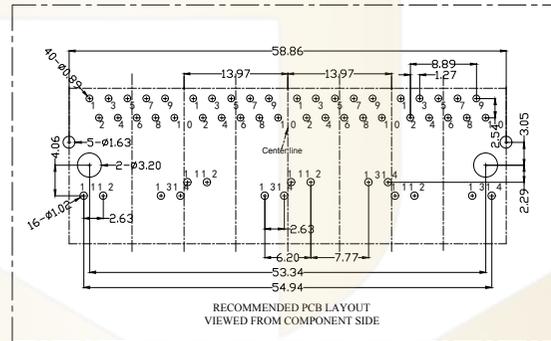
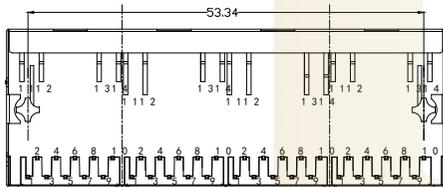
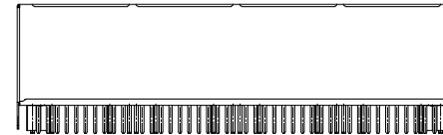
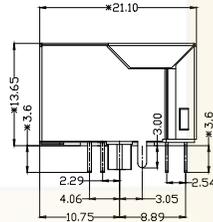
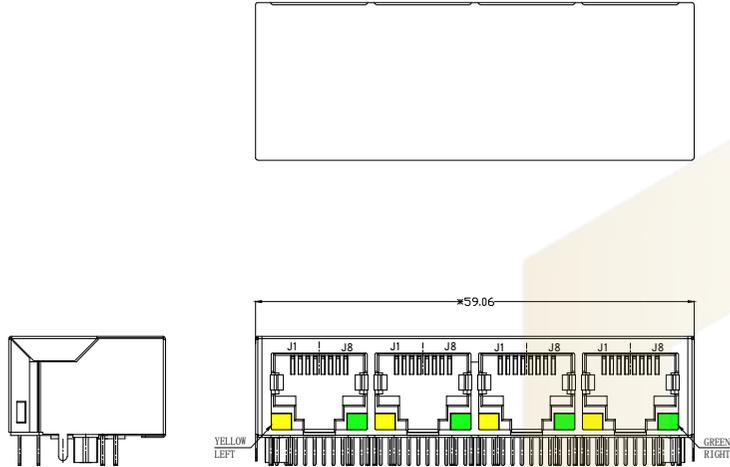


MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5210,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 "*"



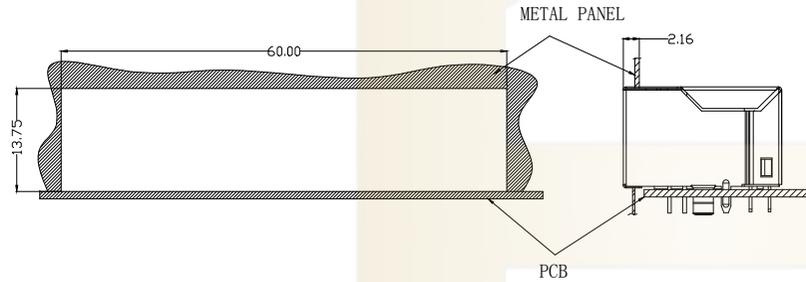
Ordering Information

HC 61 * * ** A- M971 - A

Type	LED Color	EMI	Ports	产品序号
61-卧式插件	中-蓝灯	6-无脚	1-8口	
62-立式插件	1-带灯(左黄右绿)	7-有脚	01-11口	
63-卧式贴片	2-带灯(左黄右绿)	8-有脚	02-21口	
64-立式贴片	3-带灯(左黄右绿)	9-有脚	22-21接口	

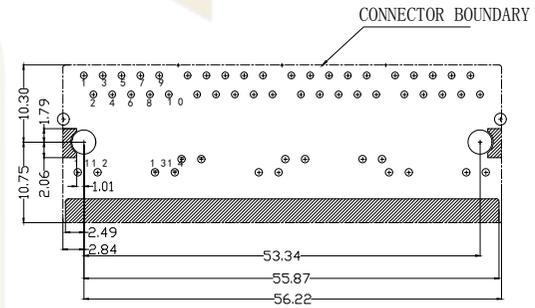
			GENEAL TOLERANCE	制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK				
			X.X ±0.30	批准 APPROVAL	产品名称 TITLE	网络插座(插件 带灯无弹 TAB-DOWN 1X4 1000BASE)	版本 REV.	A
			X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC611604A-M971-A	单位 UNITS	mm
			X.XXX ±0.10	投影 Projection	材料 MATERIAL		页次 SHEET	1/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°					

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



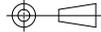
UNIT: MM / INCH
 TOLERANCES: $\pm 0.10 / 0.004$
 REFERENCE ONLY

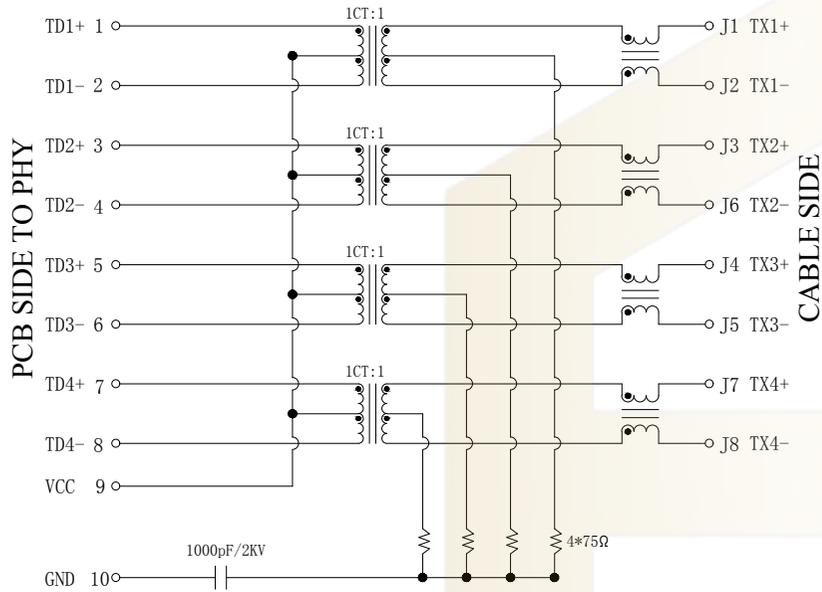
KEEP-OUT AREA (COMPONENT SIDE VIEW):



PLUG-IN SIDE

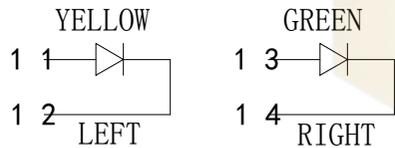
UNIT: MM / INCH
 TOLERANCES: $\pm 0.10 / 0.004$

			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	产品名称 TITLE	网络插座 (插件 带灯无弹 TAB-DOWN 1X4 1000BASE)	版本 REV.	A
			X.X ± 0.30	批准 APPROVAL	产品料号 PART NO.	HC611604A-M971-A	单位 UNITS	mm
			X.XX ± 0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	2/4
			X.XXX ± 0.10	投影 Projection				
			Angle $\pm 3.0^\circ$					
1	初版发行							
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE						



Electrical:

1. Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
3~4: J3~J6=1CT:1CT(±2%).
5~6: J4~J5=1CT:1CT(±2%).
7~8: 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;
-14dB 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

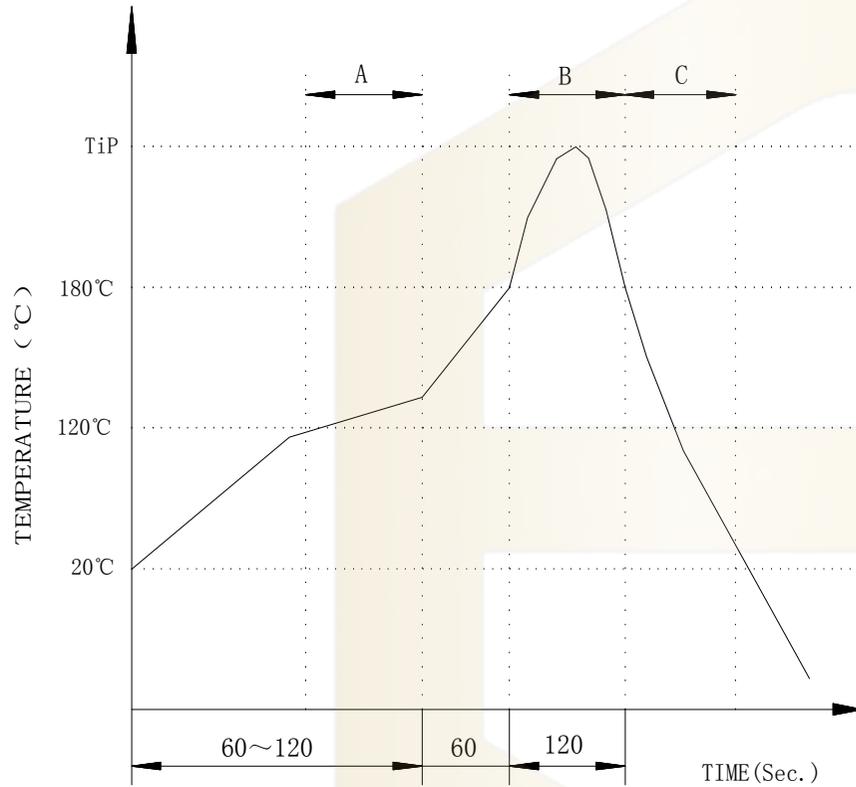


LED Specification

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

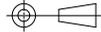
		GENEAL TOLERANCE		制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO., LTD			
		DIM TOL		审核 CHECK	产品名称 TITLE	网络插座 (插件 带灯无弹 TAB-DOWN 1X4 1000BASE)	版本 REV.	A
1		初版发行		批准 APPROVAL	产品料号 PART NO.	HC611604A-M971-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°	投影 Projection	材料 MATERIAL		页次 SHEET	3/4

PROFILE OF WAVE SOLDER



A. Preheating B. Soldering C. Gradual Cooling
 Tip temperature: $260 \pm 5^\circ \text{C}$.
 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 (插件 带灯无弹 TAB-DOWN 1X4 1000BASE)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.		HC611604A-M971-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							