

1 2 3 4 5

A

B

C

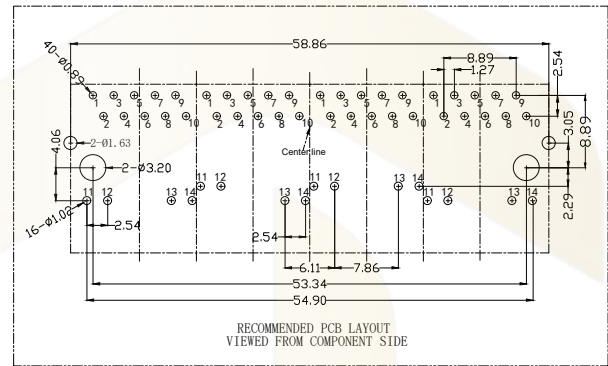
A

B

C

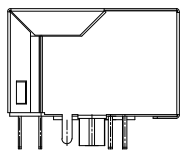


TOP VIEW

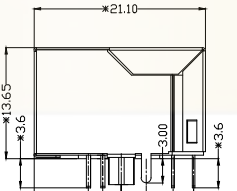
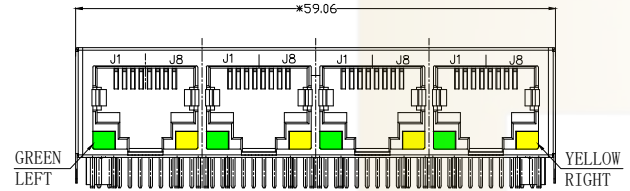


MATERIAL:  
HOUSING: PBT, UL94V-0, BLACK.  
TERMINALS BRACKET: PBT, UL94V-0, BLACK.  
SHIELD: C2680, T=0.20MM, NICKEL PLATING ON ALL AREA.  
TERMINAL: PHOSPHOR BRONZE C5210, T=0.35MM,  
6U" GOLD PLATING ON CONTACT AREA.

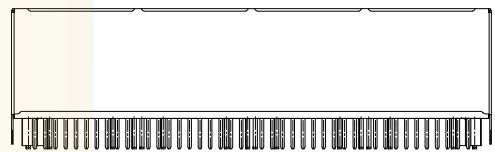
MECHANICAL:  
DURABILITY: 750 CYCLES MIN.  
MATING FORCE: 23N MAX.  
OPERATING TEMPERATURE: -40° C~+85° C.  
STORAGE TEMPERATURE: -40° C~+85° C.  
ALL CRITICAL DIMENSIONS WITH "\*"



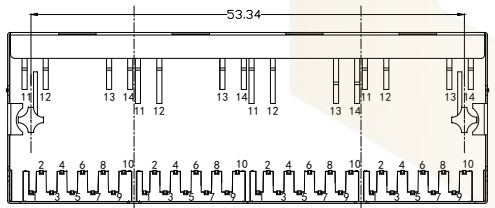
LEFT SIDE VIEW



RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

### Ordering Information

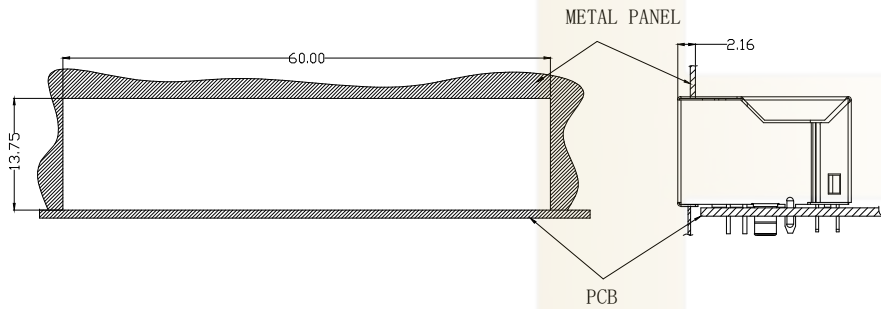
HC 6\* \* \* \*\* A - M\*\*\* - A

Type	LED Color	EMI	Ports	产品序号
04-卧式插件	0-无灯	0-无弹	1-8口	
02-立式插件	1-绿灯 (左绿右黄)	2-无弹	01-11口	
03-卧式贴片	2-绿灯 (左绿右黄)	05-无弹	02-21口	
04-立式贴片	3-绿灯 (左绿右黄)	08-无弹	22-2022口	
	0-绿灯 (左右绿, 弹-黄)			
	0-绿灯 (左绿, 右黄-弹)			
	7-绿灯 (左绿-弹, 右黄)			
	8-绿灯 (左绿-黄, 右弹)			

			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	产品名称 TITLE	网络插座 (卧插 带灯无弹 左绿 右黄 TAB-DOWN 1X4 100BASE POE)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC612604A-M998-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				
			Angle ±3.0°					
1	初版发行							
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE						

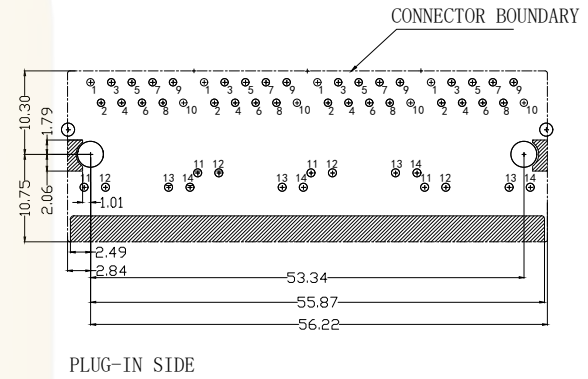
1 2 3 4 5

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY) :


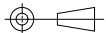


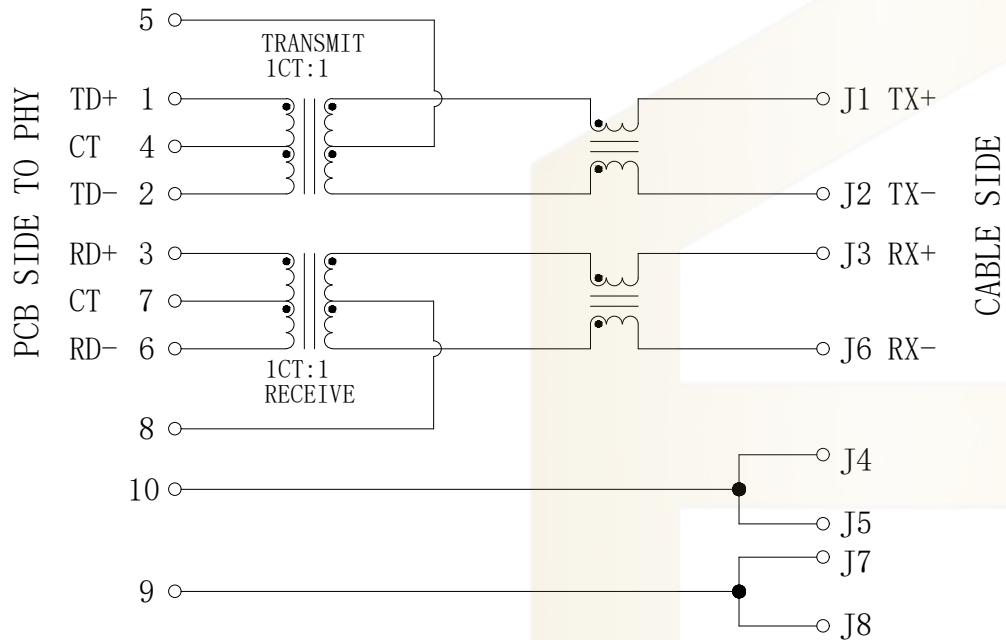
UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10$  / 0.004  
REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW) :



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

			GENREL 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 (即插 带灯无弹 左绿 右黄 TAB-DOWN 1X4 100BASE POE)	版本 REV.	A
			X.X $\pm 0.30$	批准 APPROVAL	产品料号 PART NO.	HC612604A-M998-A	单位 UNITS	mm
1	初版发行		X.XX $\pm 0.20$	比例 SCALE	材料 MATERIAL		页次 SHEET	2/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XXX $\pm 0.10$	投影 Projection				
			Angle $\pm 3.0^\circ$					

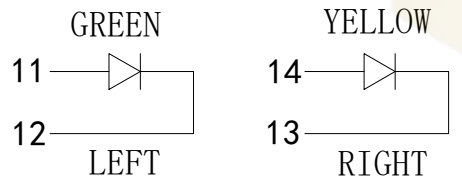


**Electrical:**

- Turn ratio: 1~2: J1~J2=1CT:1CT (±2%).  
3~6: J3~J6=1CT:1CT (±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;  
-16dB Min 10~30MHz.  
-12dB Min 30~60MHz.  
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: (1. 4. 2. 5. 3. 7. 6. 8) TO (J1. J2. J3. J6) 1500V AC
- Single port magnetic jack POE magnetics acc.  
To IEEE802.3af for PSE or PD applications.
- 100% of production tested to comply with  
IEEE 802.3 isolation requirements balanced DC  
line current 350mA max. @57V DC continuous.

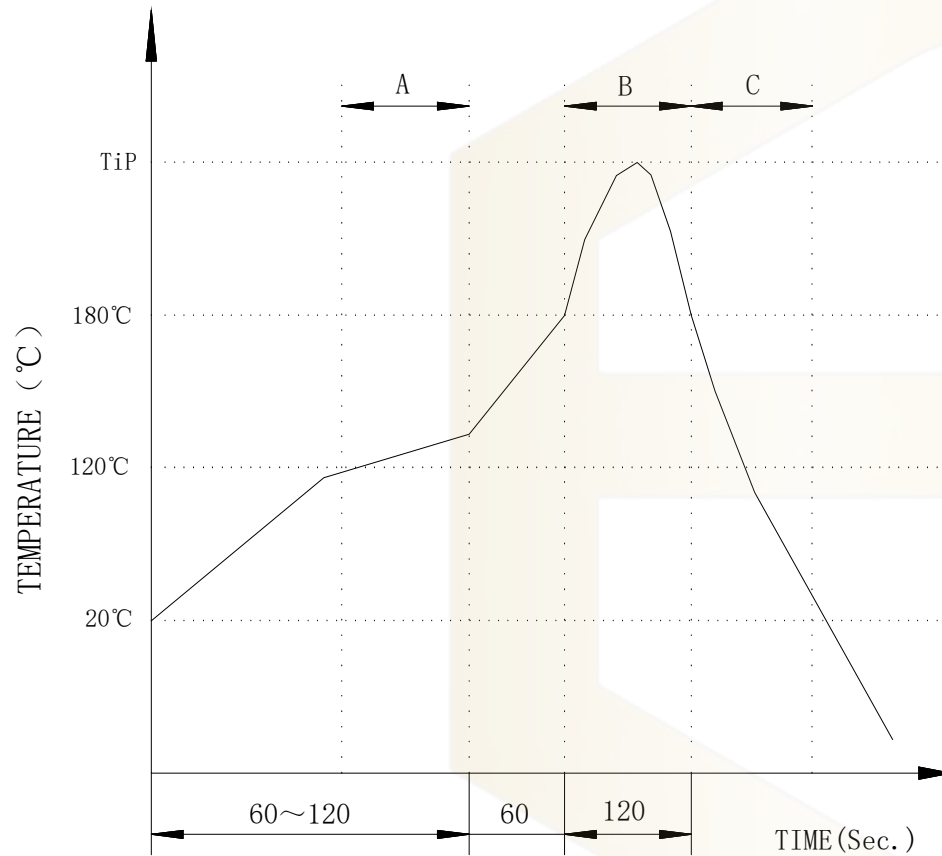
**LED Specification**

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




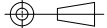
		GENREL TOLERANCE		制图 DRAWING		深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD						
		DIM TOL		审核 CHECK		产品名称 TITLE		网络插座 (卧插 带灯无弹 左绿 右黄 TAB-DOWN 1X4 100BASE POE)		版本 REV.		A
		X. X ±0.30		批准 APPROVAL		产品料号 PART NO.		HC612604A-M998-A		单位 UNITS		mm
1		初版发行		X. XX ±0.20		比例 SCALE				页次 SHEET		3/4
序号 No.		变更内容 MODIFY CONTENT		日期 MODIFY DATE		投影 Projection		材料 MATERIAL				
		X. XXX ±0.10		Angle ±3.0°								

# 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:  $217^\circ \text{C}$ .

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.

			GENREL 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 (卧插 带灯无弹 左绿 右黄 TAB-DOWN 1X4 100BASE POE)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.		HC612604A-M998-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°						