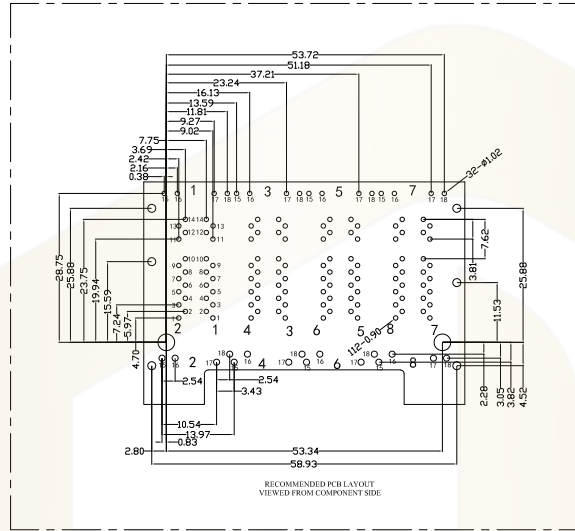
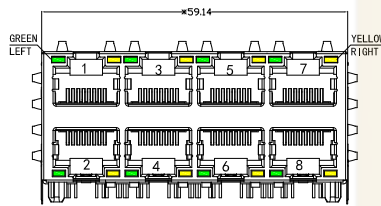


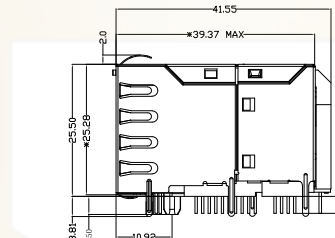
TOP VIEW



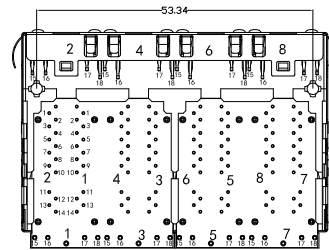
RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

MATERIAL:

HOUSING: PA66,UL94V-0,BLACK.
 TERMINALS BRACKET: PA66,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5191,Ø=0.46MM,
 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 "mm"

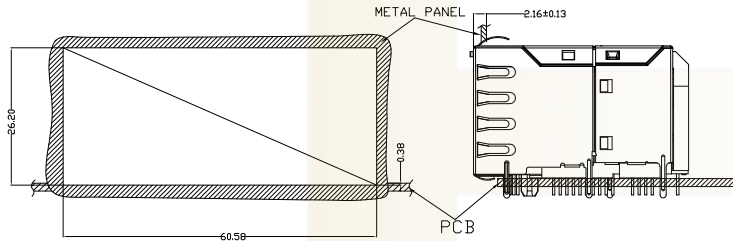
Ordering Information

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

Type	LED Color	EMI	Ports	产品序号
☐ 6芯插片	☐ 蓝	☐ 无	☐ 1个口	
☐ 6芯插片	☐ 蓝 (左绿右黄)	☐ 有	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	
☐ 6芯插片	☐ 蓝	☐ 有 (左绿右黄)	☐ 两个口	

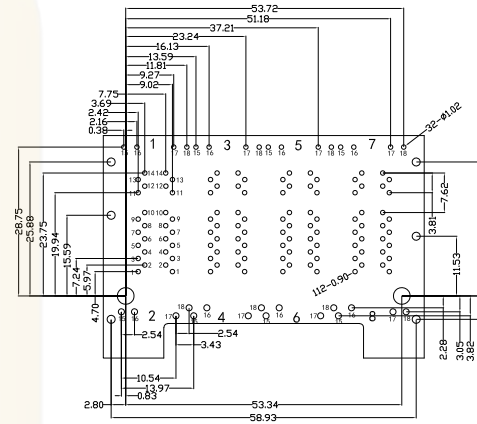
			GENERAL TOLERANCE	制图	深圳市华灿天禄电子有限公司 ShenzhenhuaciantianluELECTRONICS CO.,LTD			
			DIM TOL	审核				
			X.X ±0.30	批准	产品名称	网络插座 (附插 带灯带弹	版本	A
			X.XX ±0.20	比例	TITLE	左绿 右黄 2x4 1000BASE POE+)	REV.	
			X.XXX ±0.10	投影	产品料号	HC612724A-M990-A	单位	mm
序号	变更内容	日期	Angle ±3.0°	投影	PART NO.		页次	1/4
No.	MODIFY CONTENT	MODIFY DATE		Projection	MATERIAL		SHEET	

Suggested Panel Opening:





UNIT: mm / inch
Tolerances: ±0.10 / 0.004

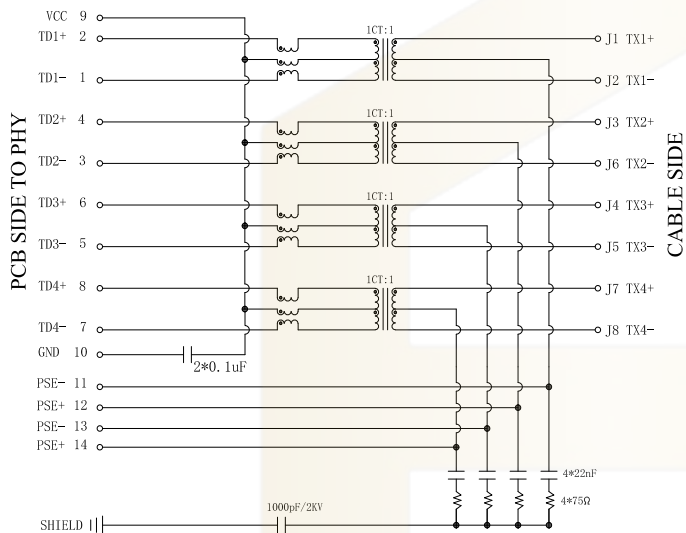
Keep-Out Area (Component Side View):



Plug-in side

UNIT: mm / inch
Tolerances: ±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 ±0.30	批准 APPROVAL	产品名称 TITLE	网络插座 (带插 带灯带弹 左绿 右黄 2x4 1000BASE POE+)	版本 REV.	A
			X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC612724A-M990-A	单位 UNITS	mm
			X.XXX ±0.10	投影 Projection	材料 MATERIAL		页次 SHEET	2/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°					

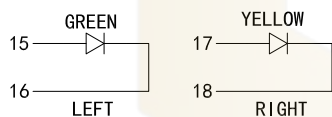


Electrical:

- Turn ratio: 2~1: J1~J2=1CT:1CT(±2%).
4~3: J3~J6=1CT:1CT(±2%).
6~5: J4~J5=1CT:1CT(±2%).
8~7: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
-1.2 dB Max 100~125MHz.
- Return loss: -16dB Min 1~40MHz;
-12dB Min 40~60MHz.
-10dB Min 60~80MHz.
-8dB Min 80~100MHz.
- Cross talk: -30dB Min 1~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 2250V DC 6S 1mA PRI TO SEC
- Gigabit single port magnetic jack POE magnetics acc.
To IEEE802.3bt 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.

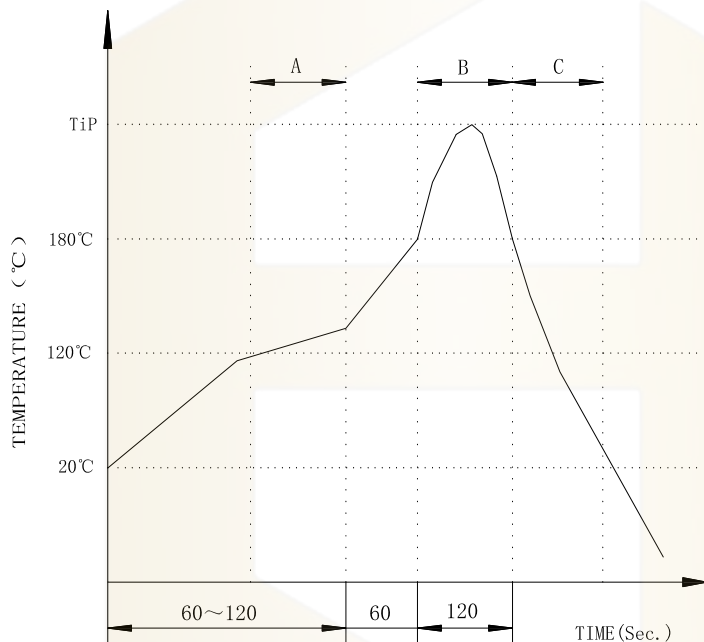
LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	565nm	20mA	2.2-2.4V
Yellow	590nm	20mA	2.1-2.5V





			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 (带插 带灯带弹 左绿 右黄 2x4 1000BASE POE+)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC612724A-M990-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.

			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 ±0.30	批准 APPROVAL		产品名称 TITLE	网络插座 (卧插 带灯带弹 左绿 右黄 2x4 1000BASE POE+)	版本 REV.	A
1	初版发行		X.XX ±0.20	比例 SCALE		产品料号 PART NO.	HC612724A-M990-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XXX ±0.10	投影 Projection		材料 MATERIAL		页次 SHEET	4/4
			Angle ±3.0°						