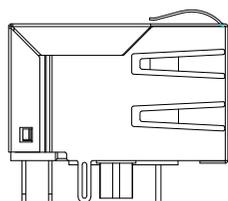
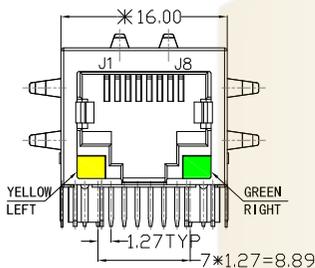


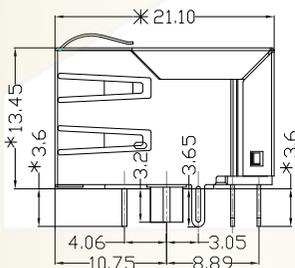
TOP VIEW



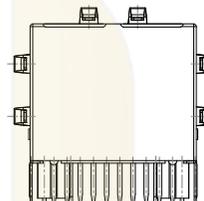
LEFT SIDE VIEW



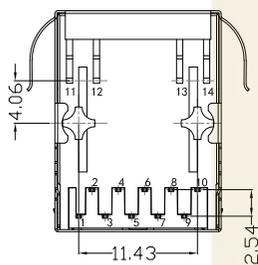
FRONT VIEW



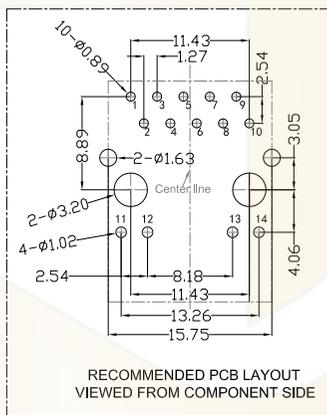
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

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 "*"

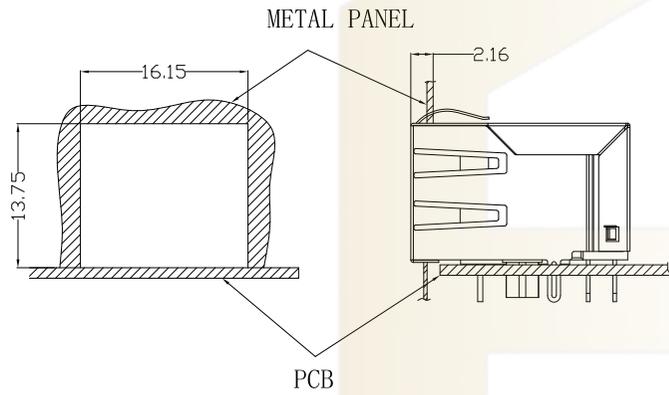
Ordering Information

HC 61 * * ** A- M897 - A

Type	LED Color	EMI	Ports	产品序号
□ 卧式插板	□ 绿灯	□ 无EMI	□ 1-10口	
□ 立式插板	□ 蓝灯	□ 有EMI	□ 10-12口	
□ 立式插板	□ 黄灯	□ 有EMI	□ 12-14口	
□ 立式插板	□ 黄灯	□ 有EMI	□ 14-16口	

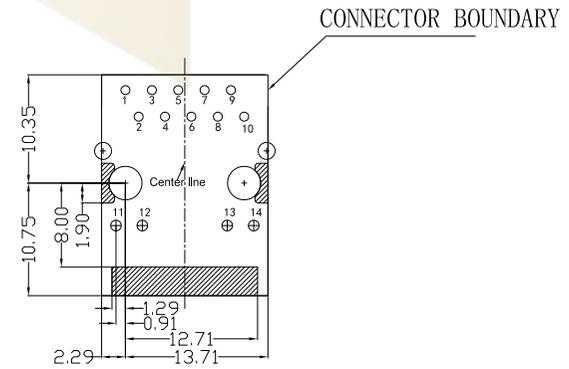
			GENERAL TOLERANCE	制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK	产品名称 TITLE	网络插座 (插件 带灯带弹 TAB-DOWN 1X1 10/100BASE POE)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC611701A-M897-A	单位 UNITS	mm
			X.XX ±0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	1/4
			X.XXX ±0.10	投影 Projection				
			Angle ±3.0°					
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

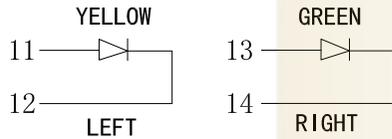
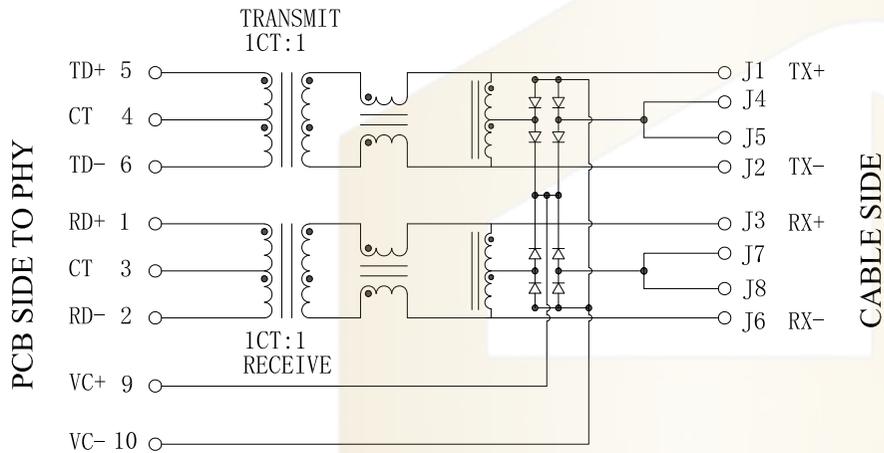
KEEP-OUT AREA (COMPONENT SIDE VIEW) :



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 ± 0.30	批准 APPROVAL		产品名称 TITLE	网络插座 (插件 带灯带弹 TAB-DOWN 1X1 10/100BASE POE)	版本 REV.	A
1	初版发行		X.XX ± 0.20	比例 SCALE		产品料号 PART NO.	HC611701A-M897-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	2/4
			Angle $\pm 3.0^\circ$						



Electrical:

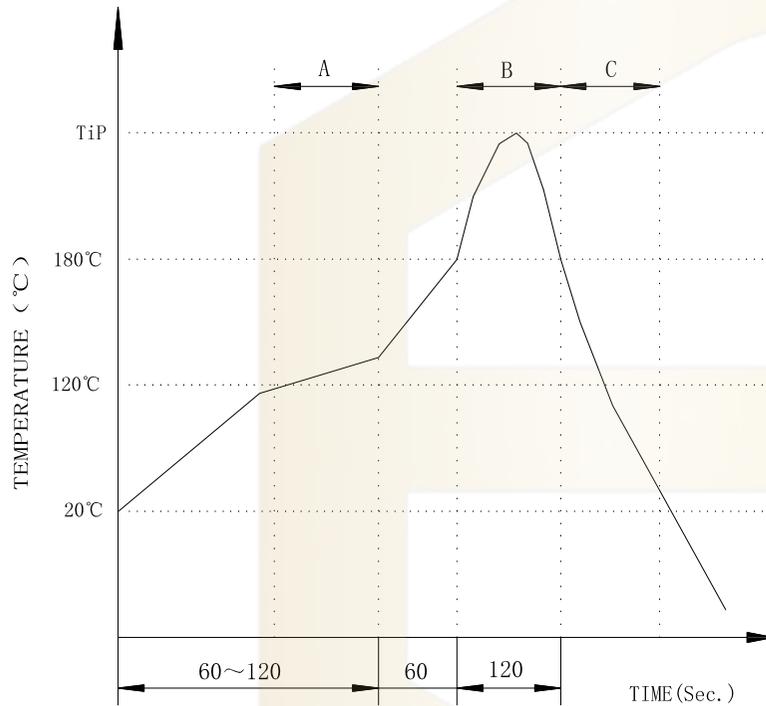
- Turn ratio: 5~6: J1~J2=1CT:1CT(±2%)
1~2: J3~J6=1CT:1CT(±2%)
- OCL: 350uH Min. @ 100KHz 100mV RMS(4Channel) 8mA DC BIAS.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 500V 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

			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 带灯带弹 TAB-DOWN 1X1 10/100BASE POE)	版 本 REV.	A
			X. X ±0.30	批 准 APPROVAL	产品料号 PART NO.	HC611701A-M897-A	单 位 UNITS	mm
1	初版发行		X. XX ±0.20	比 例 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	投 影 Projection				
			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.

			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 带灯带弹 TAB-DOWN 1X1 10/100BASE POE)	版 本 REV.	A
			X.X ±0.30	批 准 APPROVAL		产品料号 PART NO.	HC611701A-M897-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°						