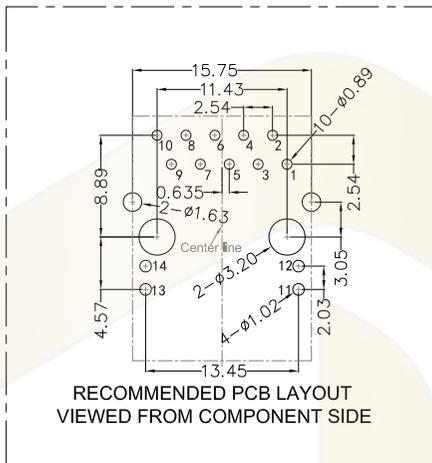


TOP VIEW

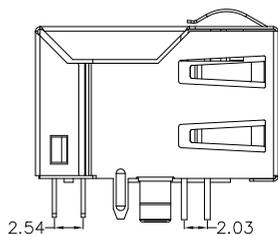


**MATERIAL:**

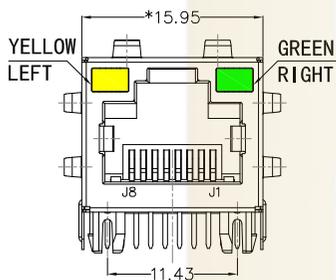
HOUSING : PBT,UL94V-0,BLACK.  
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,  
 6U" GOLD PLATING ON CONTACT AREA.

**MECHANICAL:**

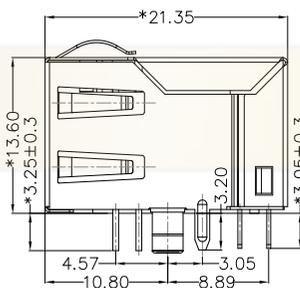
DURABILITY : 750 CYCLES MIN.  
 MATING FORCE : 23N MAX.  
 OPERATING TEMPERATURE: -40°C~+85°C.  
 STORAGE TEMPERATURE: -40°C~+85°C.  
 ALL CRITICAL DIMENSIONS WITH "\*"



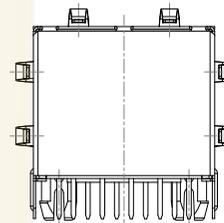
LEFT SIDE VIEW



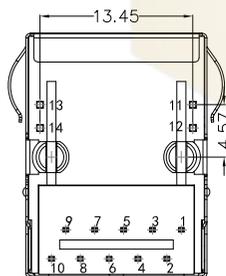
FRONT VIEW



RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

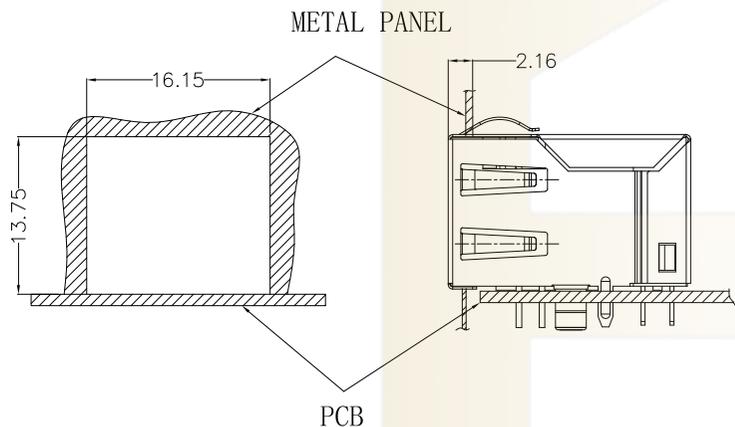
**Ordering Information**

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

Type	LED Color	EMI	Ports	产品序号
▶ 卧式插座	▶ 蓝灯	▶ 无	▶ 4口	
▶ 立式插座	▶ 绿灯 (右黄左绿)	▶ 有	▶ 1口	
▶ 卧式插片	▶ 绿灯 (左黄右绿)	▶ 有	▶ 2口	
▶ 立式插片	▶ 绿灯 (左黄右绿)	▶ 有	▶ 4口	
	▶ 绿灯 (左黄右绿, 绿黄)	▶ 有	▶ 2口	
	▶ 绿灯 (左黄右绿, 绿黄)	▶ 有	▶ 4口	
	▶ 绿灯 (左黄右绿, 绿黄)	▶ 有	▶ 2口	
	▶ 绿灯 (左黄右绿, 绿黄)	▶ 有	▶ 4口	

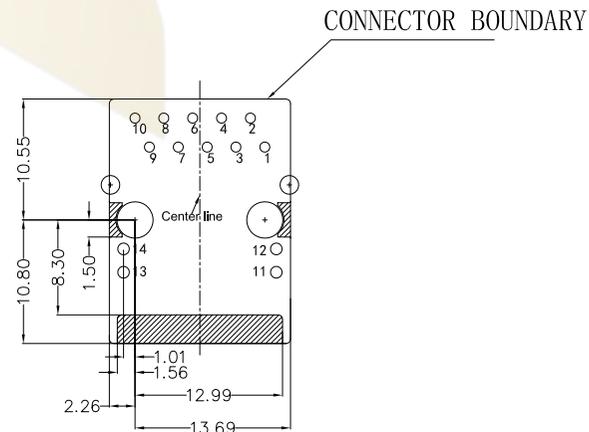
			GENERAL TOLERANCE		制图 DRAWING		深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO., LTD					
			DIM	TOL	审核 CHECK		产品名称 TITLE		网络插座 (卧插 带灯带弹 TAB-UP 1x1 100BASE POE)		版本 REV.	A
			X.X	±0.30	批准 APPROVAL		产品料号 PART NO.		HC611701A-M985-A		单位 UNITS	mm
			X.XX	±0.20	比例 SCALE		材料 MATERIAL				页次 SHEET	1/4
			X.XXX	±0.10	投影 Projection							
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°									

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



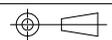
UNIT: MM / INCH  
 TOLERANCES:  $\pm 0.10$  / 0.004  
 REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW):

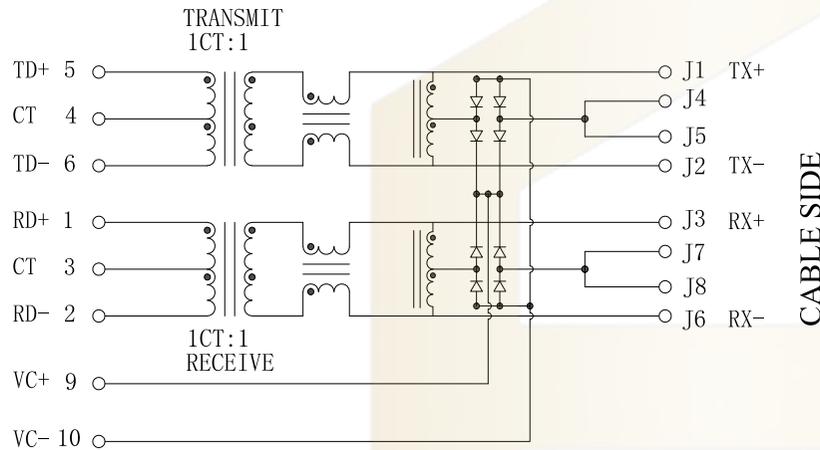


PLUG-IN SIDE

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

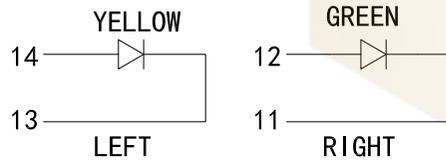
			GENEAL TOLERANCE		制 图 DRAWING		 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD				
			DIM	TOL	审 核 CHECK						
			X.X	$\pm 0.30$	批 准 APPROVAL		产品名称 TITLE		网络插座 (卧插 带灯带弹 TAB-UP 1x1 100BASE POE)	版 本 REV.	A
			X.XX	$\pm 0.20$	比 例 SCALE		产品料号 PART NO.		HC611701A-M985-A	单 位 UNITS	mm
			X.XXX	$\pm 0.10$	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 $\pm 3.0^\circ$								

PCB SIDE TO PHY



**Electrical:**

1. Turn ratio: 5~6: J1~J2=1CT:1CT(±2%).  
1~2: J3~J6=1CT:1CT(±2%).
2. OCL: 350uH Min. @ 100KHz 100mV  
RMS(4Channel) 8mA DC BIAS.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -20dB Min 1~10MHz;  
-16dB Min 10~30MHz.  
-12dB Min 30~60MHz.  
-10dB Min 60~80MHz.
5. Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. Hi-Pot: (5.4.6.1.3.2) TO (J1.J2.J3.J6) 1500V AC
8. Single port magnetic jack POE magnetics acc.  
To IEEE802.3af for PSE or PD applications.
9. 100% of production tested to comply with  
IEEE 802.3 isolation requirements balanced DC  
line current 350mA max. @57V DC continuous.

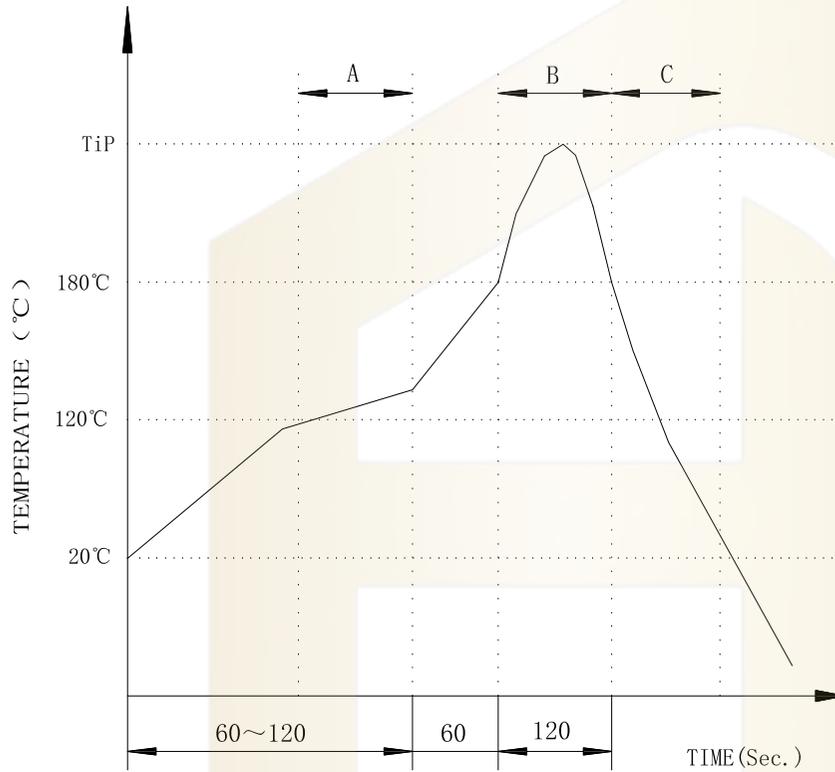


**LED Specification**

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 (卧插 带灯带弹 TAB-UP 1x1 100BASE POE)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC611701A-M985-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.

			GENE RL TOL ERANCE	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 带 弹 片) 1x1 100BASE POE	版 本 REV.	A
			X. X ±0.30	批 准 APPROVAL		产 品 料 号 PART NO.	HC611701A-M985-A	单 位 UNITS	mm
1	初版发行		X. XX ±0.20	比 例 SCALE				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		材 料 MATERIAL			
			Angle ±3.0°						