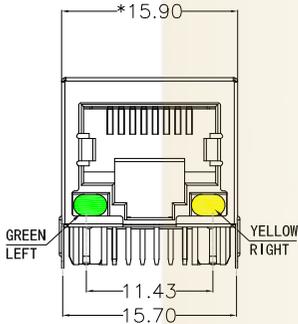


MATERIAL:
 HOUSING: PA46,UL94V-0,BLACK.
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,
 6U" GOLD PLATING ON CONTACT AREA.

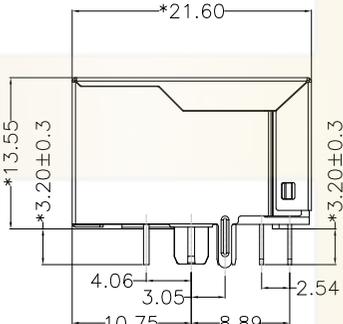
MECHANICAL:
 DURABILITY: 750 CYCLES MIN.
 MATING FORCE: 23N MAX.
 OPERATING TEMPERATURE:-40°C~+85°C.
 STORAGE TEMPERATURE: -40°C~+85°C.
 ALL CRITICAL DIMENSIONS WITH "*"

RECOMMENDED PCB LAYOUT
 VIEWED FROM COMPONENT SIDE

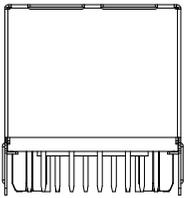
TOP VIEW



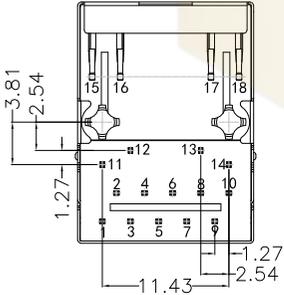
FRONT VIEW



RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

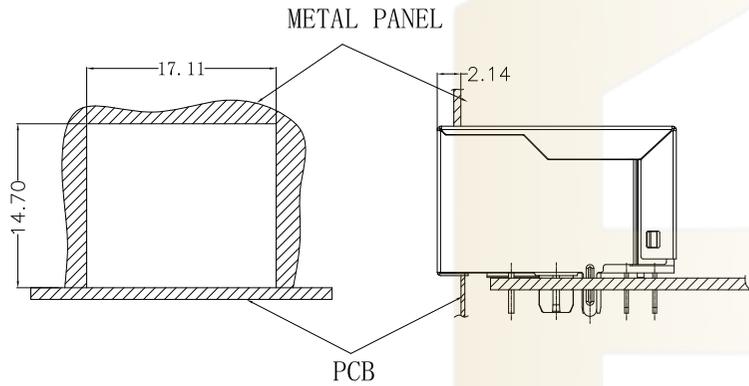
Ordering Information

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

Type	LED Color	EMI	Ports	产品序号
□ 卧式插板	□ 绿灯	□ 电磁屏蔽	□ 1个口	
□ 立式插板	□ 黄灯 (左绿右黄)	□ 无屏蔽	□ 2个口	
□ 立式插板	□ 黄灯 (左绿右黄)	□ 有EMI屏蔽	□ RJ45+RJ23	
□ 立式插板	□ 黄灯 (左绿右黄)	□ 有EMI屏蔽 (无屏蔽)	□ 2个RJ45口	
	□ 黄灯 (左绿右黄, 绿-黄)			
	□ 黄灯 (左绿右黄, 绿-黄)			

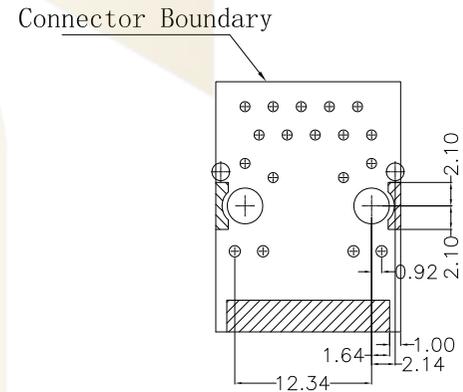
		GENERAL TOLERANCE		制图 DRAWING		深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO., LTD				
		DIM TOL		审核 CHECK		产品名称 TITLE		网络插座 (卧插 带灯无弹 左绿右黄 TAB-DOWN 1X1 1000BASE POE+)	版本 REV.	A
		X.X ±0.30		批准 APPROVAL		产品料号 PART NO.		HC612601A-M975-A	单位 UNITS	mm
1 初版发行		X.XX ±0.20		比例 SCALE		材料 MATERIAL			页次 SHEET	1/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°		投影 Projection					

Suggested Panel Opening:



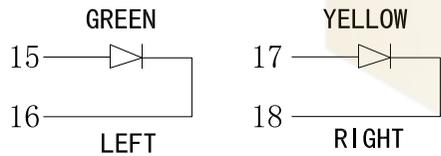
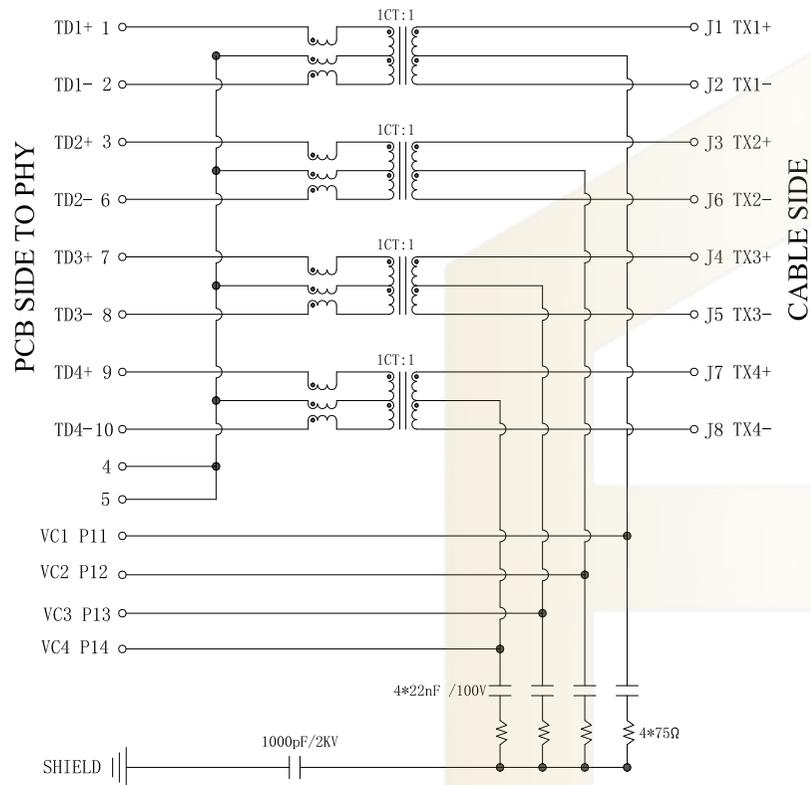
UNIT: mm / inch
Tolerances: $\pm 0.10 / 0.004$

Keep-Out Area (Component Side View):



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 (卧插 带灯无弹 左绿右黄 TAB-DOWN 1X1 1000BASE POE+)	版本 REV.	A
1	初版发行		X.XX ± 0.20	比例 SCALE		产品料号 PART NO.	HC612601A-M975-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:

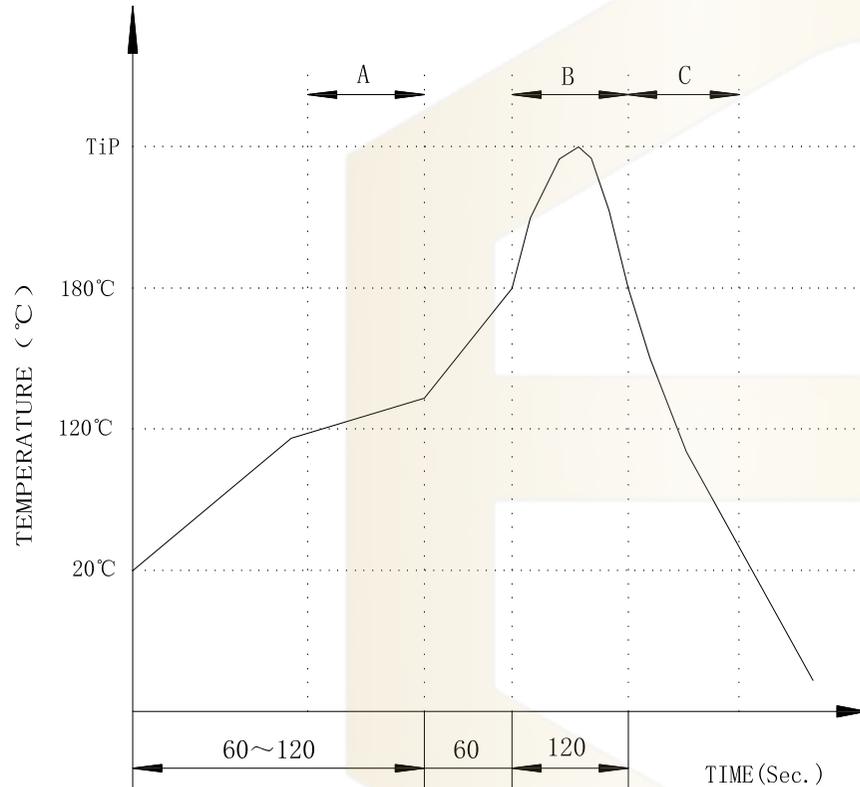
1. Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
3~6: J3~J6=1CT:1CT(±2%).
7~8: J4~J5=1CT:1CT(±2%).
9~10: J7~J8=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.
5. Cross 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
8. Single port magnetic jack POE magnetics acc.
To IEEE802.3at for PSE or PD applications.
9. 100% of production tested to comply with
IEEE 802.3 isolation requirements balanced DC
line current 600mA max. 54V 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

			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 带灯无弹 左绿右黄 TAB-DOWN 1X1 1000BASE POE+)	版本 REV.	A
			X.XX	±0.20	比例 SCALE	产品料号 PART NO.	HC612601A-M975-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	3/4
			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 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 无 弹 左 绿 右 黄 TAB-DOWN 1X1 1000BASE POE+)	版 本 REV.	A
1	初 版 发 行		X.XX ±0.20	比 例 SCALE	产 品 料 号 PART NO.	HC612601A-M975-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°					