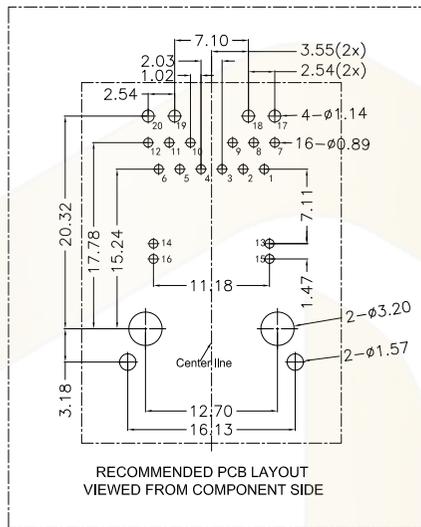
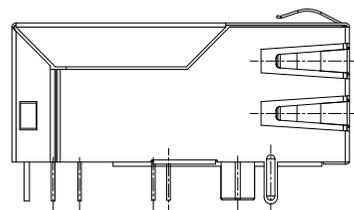


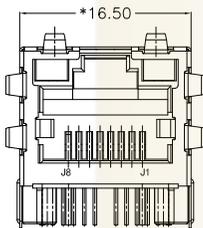
TOP VIEW



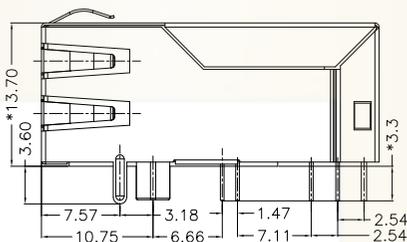
RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



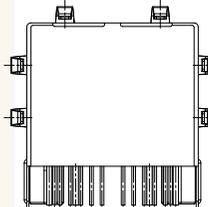
LEFT SIDE VIEW



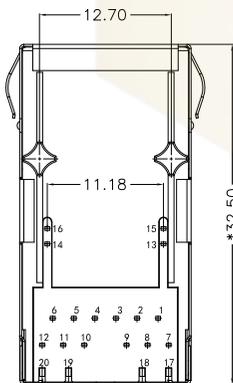
FRONT VIEW



RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

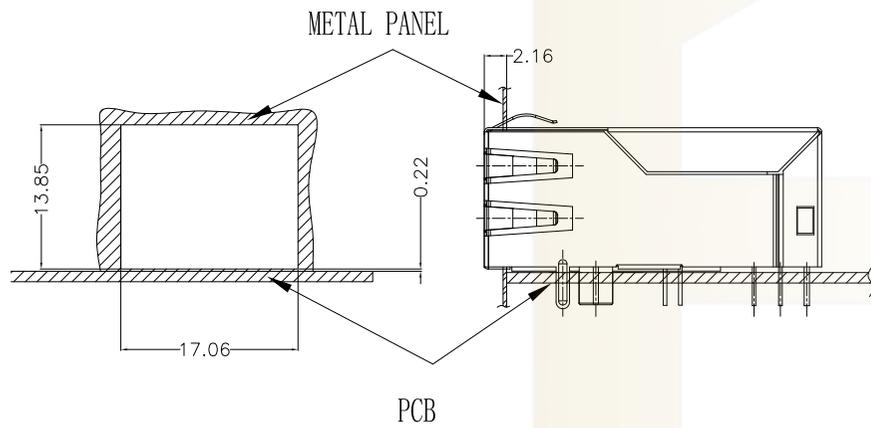
Ordering Information

HC 61 * * ** A- M969 - A

Type	LED Color	EMI	Ports	产品序号
□ 卧式插片	□ 绿灯	□ 无EMI	□ 1+1口	
□ 立式插片	□ 蓝灯	□ 有EMI	□ 4+1口	
□ 立式插片	□ 黄灯	□ 有EMI	□ 8+1口	
□ 立式插片	□ 红灯	□ 有EMI	□ 16+1口	
□ 立式插片	□ 无灯	□ 有EMI	□ 20+1口	

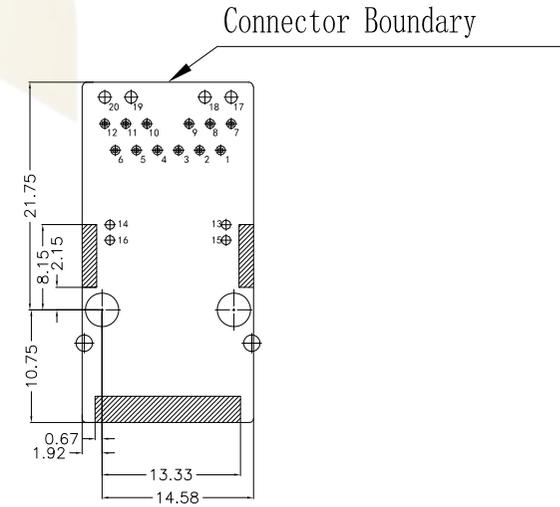
		GENERAL TOLERANCE		制图	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO., LTD			
		DIM	TOL	DRAWING				
		X.X	±0.30	审核	产品名称	网络插座 (插件 无灯带弹 TAB-UP 1X1 10/100/1000BASE POE+)	版本	A
		X.XX	±0.20	CHECK				
		X.XXX	±0.10	批准	产品料号	HC610701A-M969-A	单位	mm
		Angle	±3.0°	APPROVAL				
序号	变更内容	日期	投影		材料		页次	1/4
No.	MODIFY CONTENT	MODIFY DATE	Projection					

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

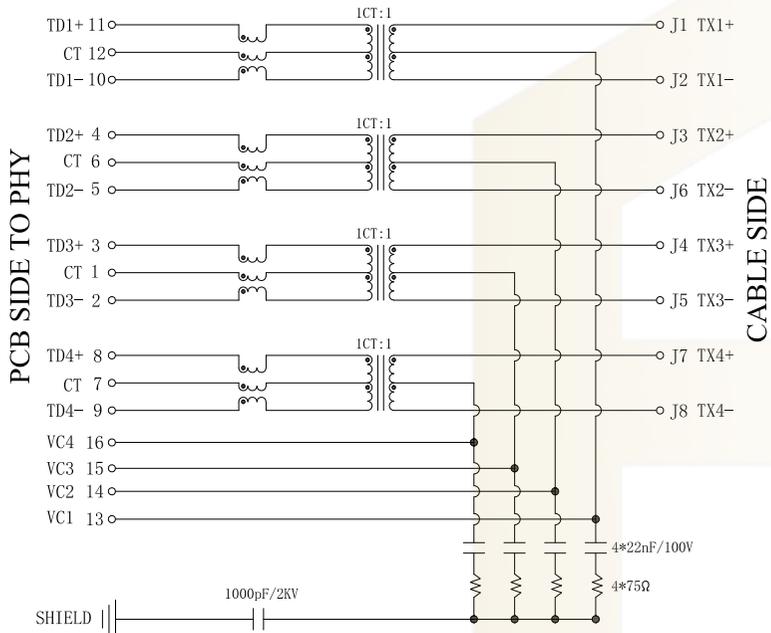
Keep-Out Area (Component Side View):



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 (插件 无灯带弹 TAB-UP 1X1 10/100/1000BASE POE+)	版本 REV.	A
			X.XX ± 0.20	比例 SCALE	产品料号 PART NO.	HC610701A-M969-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 $\pm 3.0^\circ$					

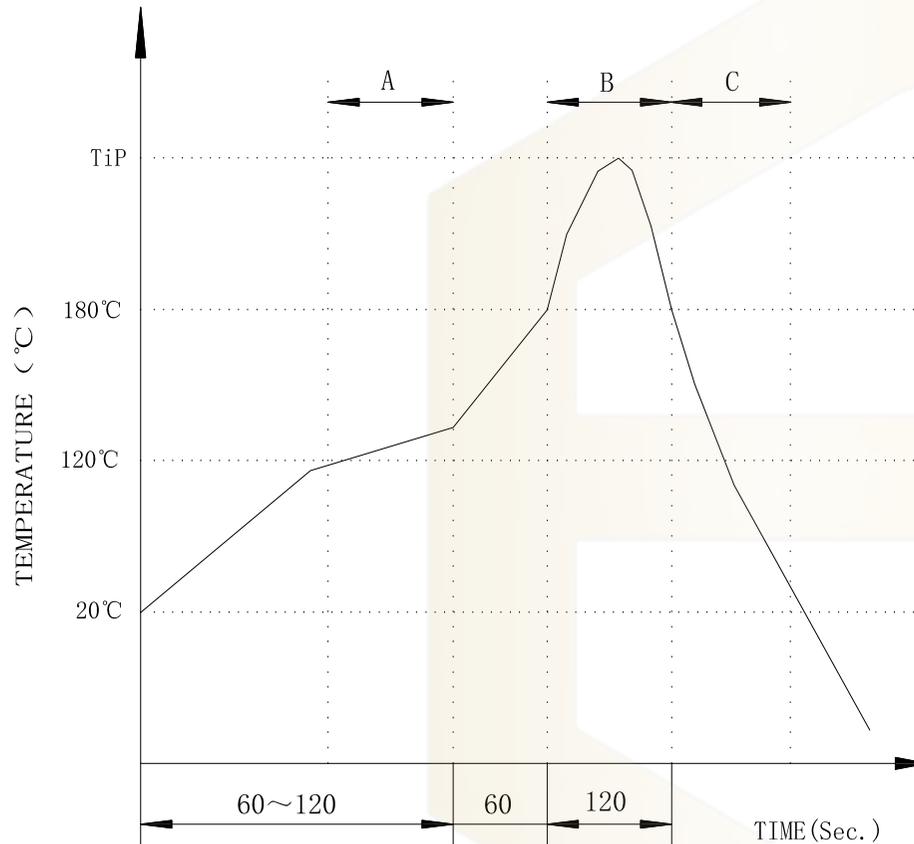


Electrical:

1. Turn ratio: 11~10: J1~J2=1CT:1CT(±2%).
4~5: J3~J6=1CT:1CT(±2%).
3~2: J4~J5=1CT:1CT(±2%).
8~9: J7~J8=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 15mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -18dB Min 1~30MHz;
-16dB 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. Gigabit 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 720mA max. 57V DC continuous.

			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 无灯带弹 TAB-UP 1X1 10/100/1000BASE POE+)	版本 REV.	A
			X. XX ±0.20	比例 SCALE	产品料号 PART NO.	HC610701A-M969-A	单位 UNITS	mm
			X. XXX ±0.10	投影 Projection	材料 MATERIAL		页次 SHEET	3/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	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				
			X.X ±0.30	批 准 APPROVAL	产品名称 TITLE	网络插座 (插件 无灯带弹 TAB-UP 1X1 10/100/1000BASE POE+)	版 本 REV.	A
1	初版发行		X.XX ±0.20	比 例 SCALE	产品料号 PART NO.	HC610701A-M969-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°					