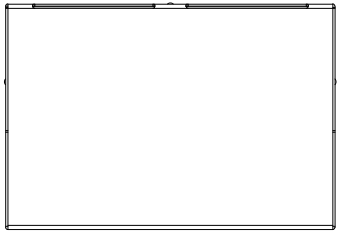


**MATERIAL:**

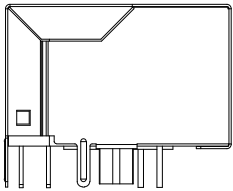
HOUSING: PBT,UL94V-0,BLACK.  
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,  
 6U" GOLD PLATING ON CONTACT AREA.

**MECHANICAL:**

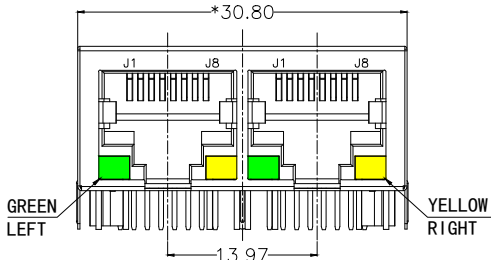
DURABILITY: 750 CYCLES MIN.  
 MATING FORCE: 23N MAX.  
 OPERATING TEMPERATURE: -40°C~+85°C.  
 STORAGE TEMPERATURE: -40°C~+85°C.  
 ALL CRITICAL DIMENSIONS WITH "\*"



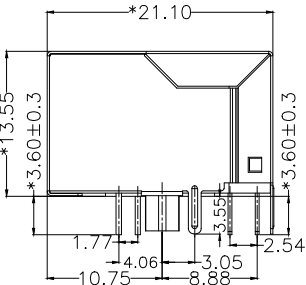
TOP VIEW



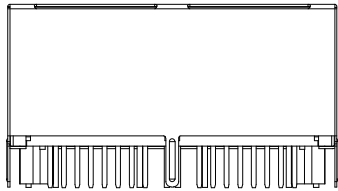
LEFT SIDE VIEW



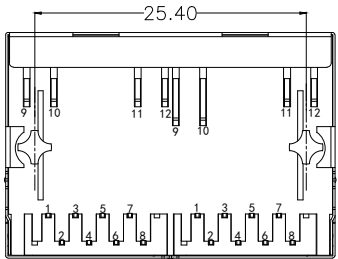
FRONT VIEW



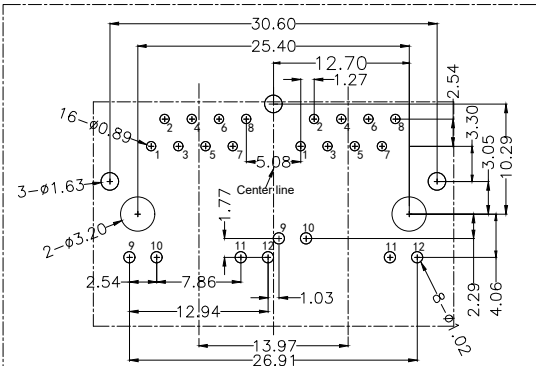
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT VIEWED FROM COMPONENT SIDE

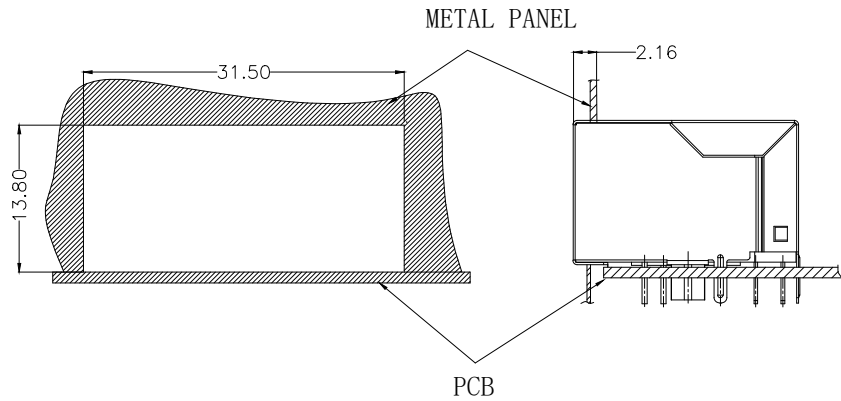
**Ordering Information**

HC 61 \* \* \*\* A- M421 - A

Type	LED Color	EMI	Ports	产品序号
01-卧式插件 02-立式插件 03-卧式插件 04-立式插件	0-无灯 1-带灯 (左黄右绿) 2-带灯 (左绿右黄) 3-带灯 (左黄右绿)	0-无弹 1-无弹 2-有弹	1-4位 01-1位 02-2位 25-20位	.....

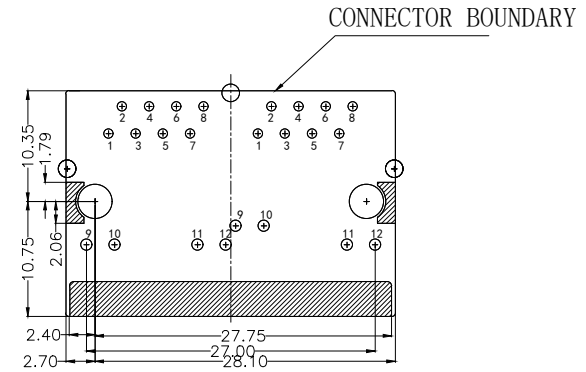
			GENREL TOLERANCE	制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK				
			X.X ±0.30	批准 APPROVAL	产品名称 TITLE	网络插座 (插件 带灯无弹 左绿右黄 TAB-DOWN 1X2 10/100BASE)	版本 REV.	A
1 初版发行			X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC612602A-M421-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XXX ±0.10	投影 Projection	材料 MATERIAL		页次 SHEET	1/4
			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):



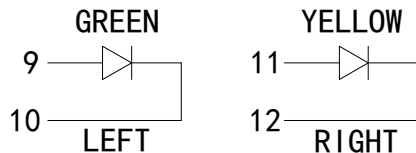
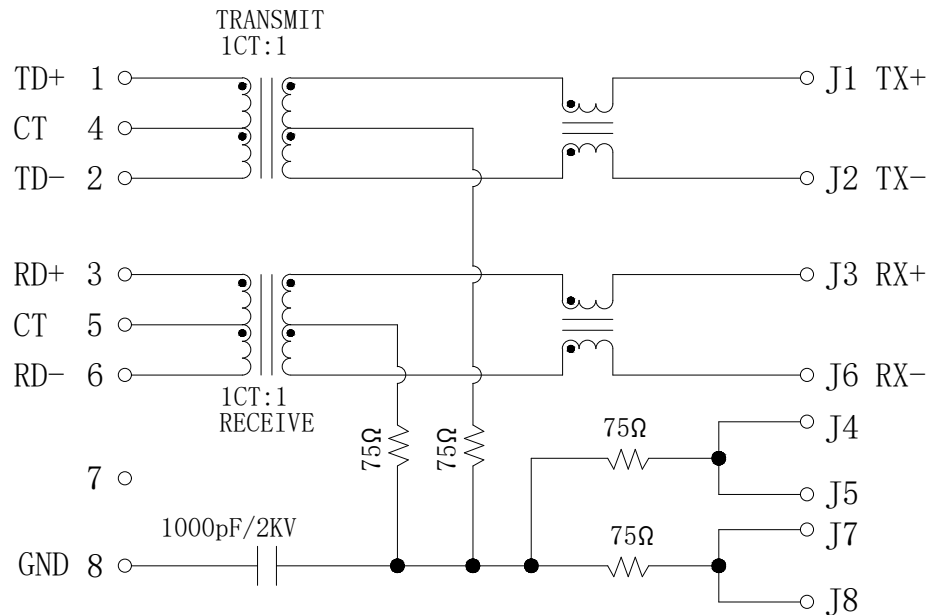
PLUG-IN SIDE

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

			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 带灯无弹 左绿右黄 TAB-DOWN 1X2 10/100BASE)	版本 REV.	A
			X.X	$\pm 0.30$	批准 APPROVAL	产品料号 PART NO.		HC612602A-M421-A	单位 UNITS	mm
1	初版发行		X.XX	$\pm 0.20$	比例 SCALE	材料 MATERIAL			页次 SHEET	2/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle	$\pm 3.0^\circ$	投影 Projection					

PCB SIDE TO PHY

CABLE SIDE



**Electrical:**

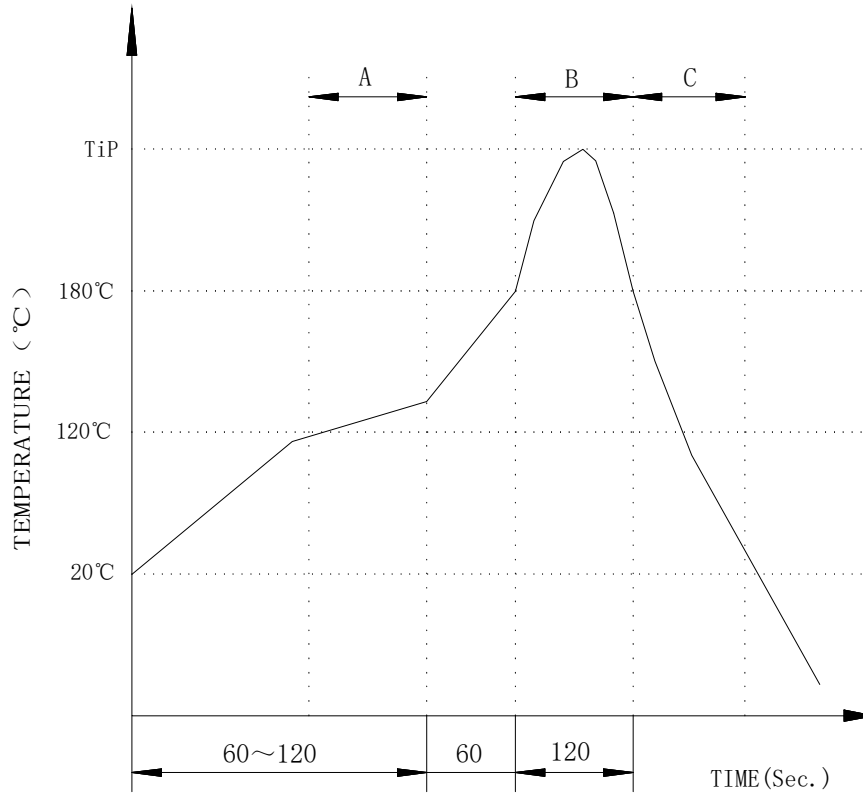
- Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).  
3~6: J3~J6=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;  
-16dB Min 10~30MHz.  
-12dB Min 30~60MHz.  
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 1500V AC & 2250V DC  
6S 1mA PRI TO SEC

**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


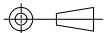
		GENREL TOLERANCE		制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD				
		DIM	TOL	审核 CHECK	产品名称 TITLE		网络插座 (插件 带灯无弹 左绿右黄 TAB-DOWN 1X2 10/100BASE)	版本 REV.	A
		X.X	±0.30	批准 APPROVAL	产品料号 PART NO.		HC612602A-M421-A	单位 UNITS	mm
1	初版发行	X.XX	±0.20	比例 SCALE	材料 MATERIAL			页次 SHEET	3/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle	±3.0°	投影 Projection				

# 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 带灯无弹 左绿右黄 TAB-DOWN 1X2 10/100BASE)	版本 REV.	A
			X. X ±0.30	批准 APPROVAL	产品料号 PART NO.		HC612602A-M421-A	单位 UNITS	mm
			X. XX ±0.20	比例 SCALE	材料 MATERIAL			页次 SHEET	4/4
			X. XXX ±0.10	投影 Projection					
1	初版发行		Angle ±3.0°						
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE							