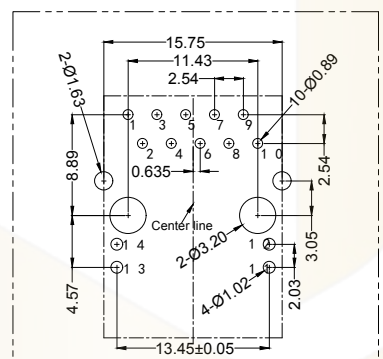
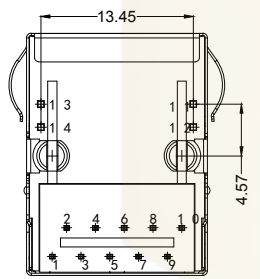
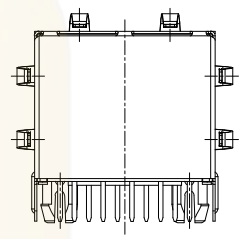
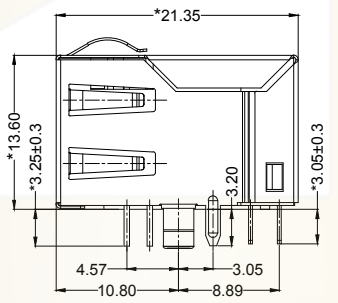
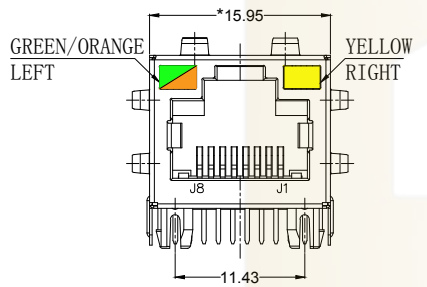
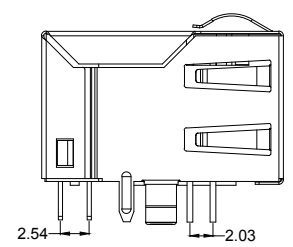


**MATERIAL:**  
 HOUSING : PBT,UL94V-0,BLACK.  
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,  
 6U" GOLD PLATING ON CONTACT AREA.

**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 "\*"



RECOMMENDED PCB LAYOUT  
 VIEWED FROM COMPONENT SIDE

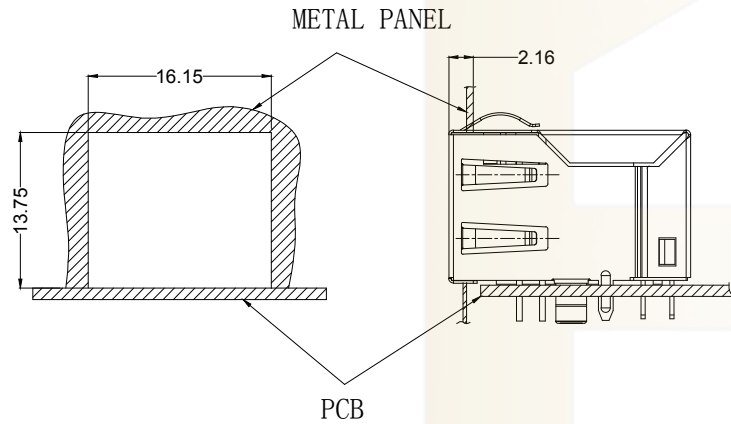
**Ordering Information**

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

Type	LED Color	EMI	Ports	产品序号
61-卧式插件	0-无灯	0-无屏蔽	0-111	
62-立式插件	1-带灯 (左黄右绿)	1-带屏蔽	01-111	
63-卧式贴片	2-带灯 (左绿右黄)	2-带屏蔽	02-211	
64-立式贴片	3-带灯 (左绿右黄)	3-带屏蔽	03-311	
65-立式贴片	4-带灯 (左绿右黄)	4-带屏蔽	04-411	
	5-带灯 (左绿右黄, 绿-黄)	5-带屏蔽	05-511	
	6-带灯 (左绿, 右黄-黄)	6-带屏蔽	06-611	
	7-带灯 (左绿-橙, 右黄)	7-带屏蔽	07-711	

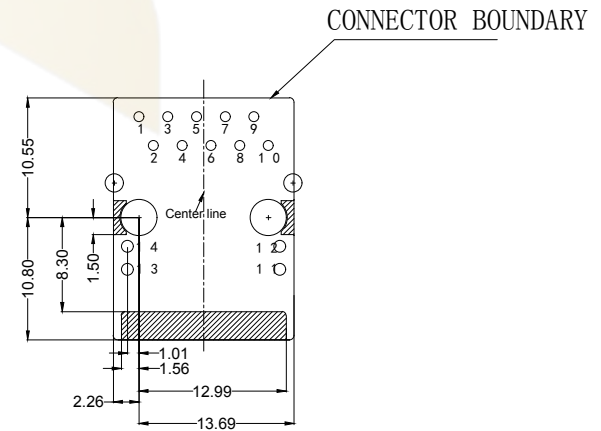
		GENRL TOLERANCE		制图	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
		DIM	TOL	审核				
		X.X	±0.30	批准	产品名称	网络插座 (卧插 带灯带弹)	版本	A
		X.XX	±0.20	比例	TITLE	左绿/橙 右黄 TAB-UP 1x1 1000BASE)	REV.	
		X.XXX	±0.10	SCALE	产品料号	HC617701A-M964-A	单位	mm
1	初版发行			投影	PART NO.		页次	1/4
序号	变更内容	日期	Angle	±3.0°	MATERIAL		SHEET	
No.	MODIFY CONTENT	MODIFY DATE						

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY) :




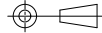
UNIT: MM / INCH  
 TOLERANCES:  $\pm 0.10$  / 0.004  
 REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW) :

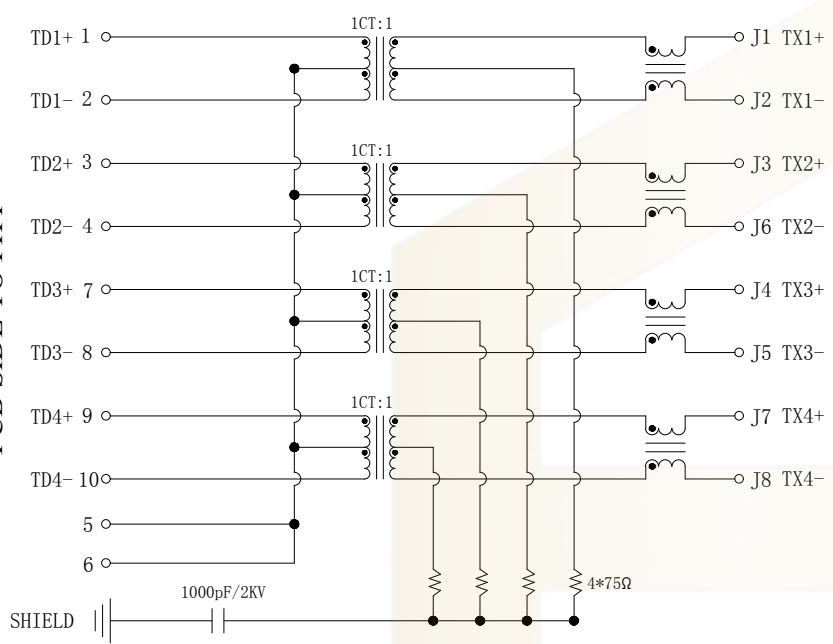


PLUG-IN SIDE

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 $\pm 0.30$	批准 APPROVAL	产品名称 TITLE	网络插座 (卧插 带灯带弹 左绿/橙 右黄 TAB-UP 1x1 1000BASE)	版本 REV.	A
1	初版发行		X.XX $\pm 0.20$	比例 SCALE	产品料号 PART NO.	HC617701A-M964-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XXX $\pm 0.10$	投影 Projection	材料 MATERIAL		页次 SHEET	2/4
			Angle $\pm 3.0^\circ$					

PCB SIDE TO PHY



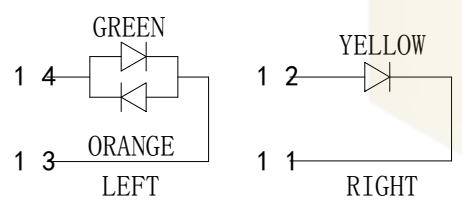
CABLE SIDE

**Electrical:**

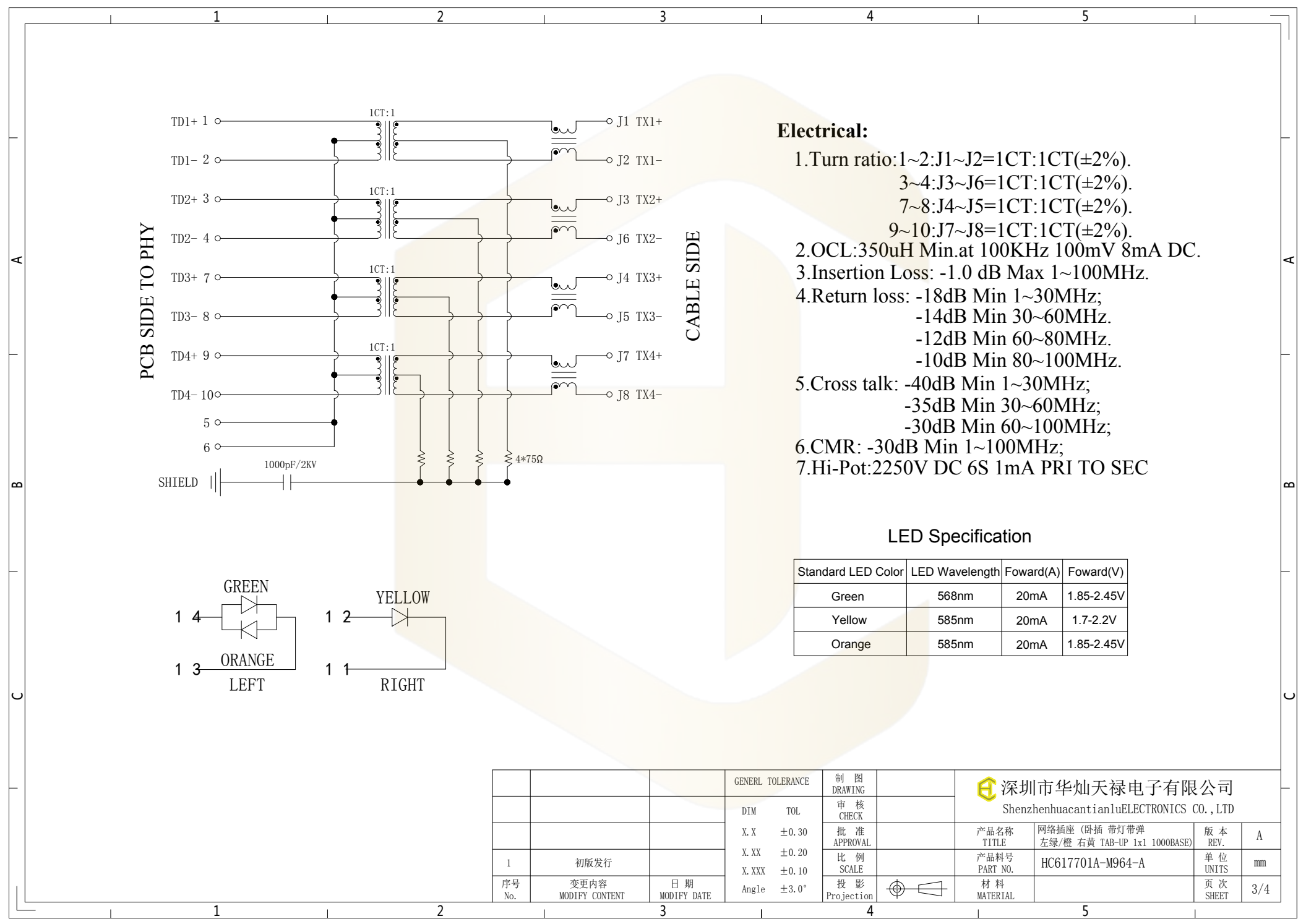
1. Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).  
3~4: J3~J6=1CT:1CT(±2%).  
7~8: J4~J5=1CT:1CT(±2%).  
9~10: J7~J8=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
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

**LED Specification**

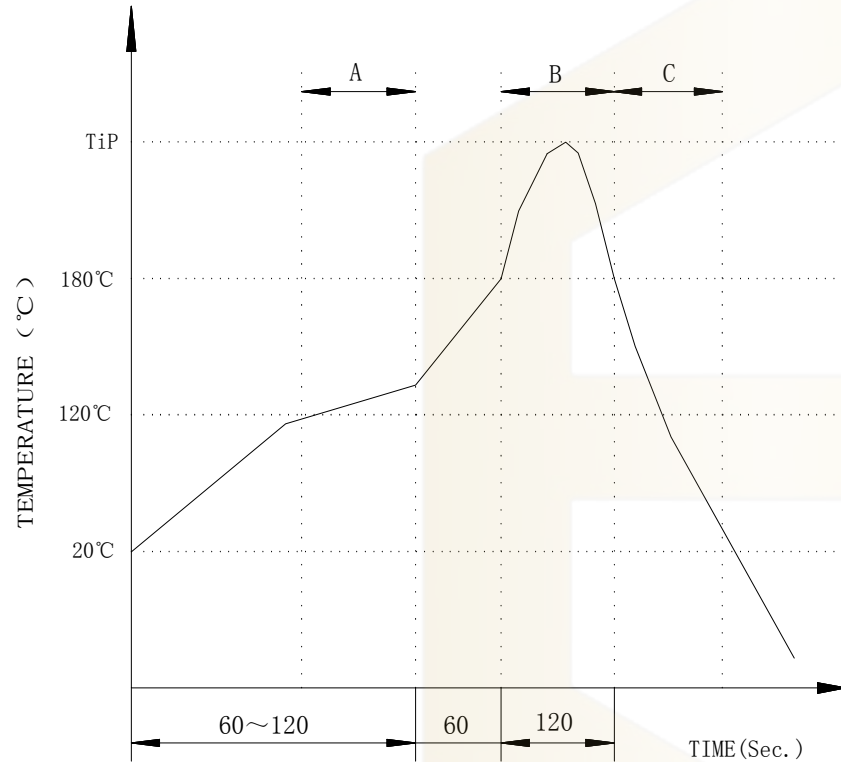
Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V
Orange	585nm	20mA	1.85-2.45V



		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 (因插 带灯带弹 左绿/橙 右黄 TAB-UP 1x1 1000BASE)	版本 REV.	A
1	初版发行	X.XX	±0.20	比例 SCALE	产品料号 PART NO.	HC617701A-M964-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle	±3.0°	投影 Projection		材料 MATERIAL	页次 SHEET




# PROFILE OF WAVE SOLDER



A. Preheating B. Soldering C. Gradual Cooling  
 Tip temperature:  $260 \pm 5^\circ \text{C}$ .  
 Tip temperature time: 5Sec Max.  
 Tip melting point of Sn96.5/Ag3/Cu0.5:  $217^\circ \text{C}$ .

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 (卧插 带灯带弹 左绿/橙 右黄 TAB-UP 1x1 1000BASE)	版本 REV.	A
1	初版发行		X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC617701A-M964-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°					