

RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

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.

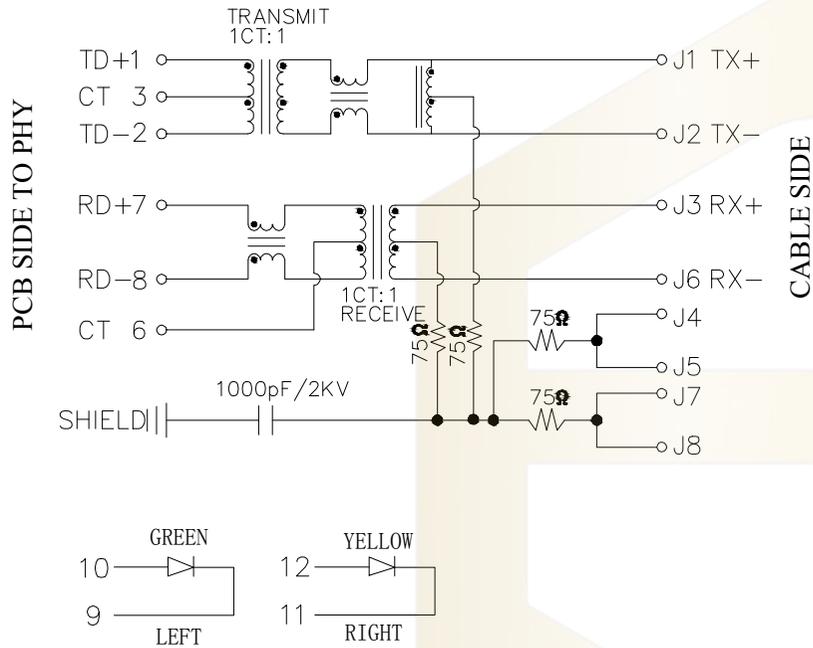
MECHANICAL:
 DURABILITY : 750 CYCLES MIN.
 MATING FORCE : 23N MAX.
 OPERATING TEMPERATURE: 0°C~+70°C.
 STORAGE TEMPERATURE: -40°C~+85°C.
 ALL CRITICAL DIMENSIONS WITH "*"

Ordering Information

HC 61 * * 01 A - M945 - A

Type	LED Color	EMI	产品序号
61-卧式插片 62-立式插片 63-卧式插片 64-立式插片	0-无灯 1-带灯 (左绿右黄) 2-带灯 (左绿右蓝) 3-带灯 (左绿右红) 4-带灯 (左绿右橙)	0-无EMI 1-EMI 2-EMI	

			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 TAB-DOWN 1X1 10/100BASE)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC612601A-M945-A	单位 UNITS	mm
			X.XX ±0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	1/3
			X.XXX ±0.10	投影 Projection				
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°					



Electrical:

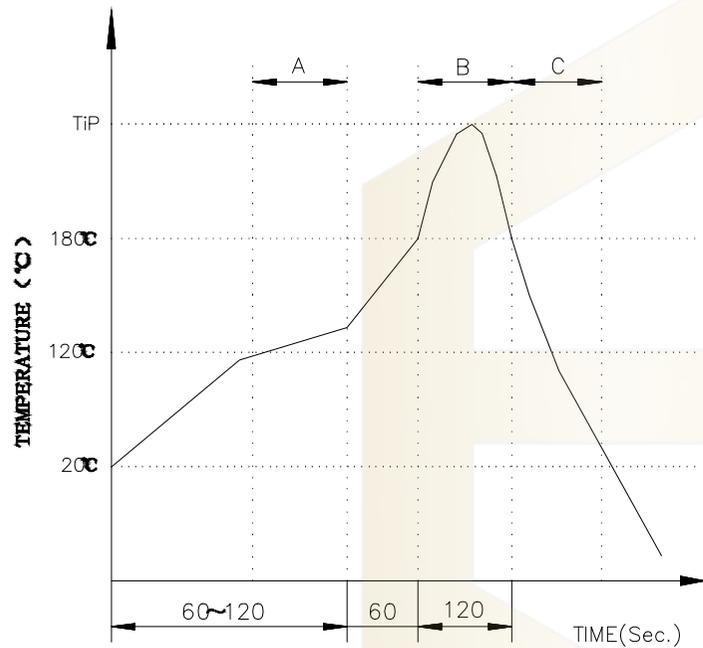
- Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
7~8: J3~J6=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 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

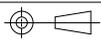
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			DIM TOL	审核 CHECK				
			X.X ±0.30	批准 APPROVAL	产品名称 TITLE	网络插座 (卧插 带灯无弹 TAB-DOWN 1X1 10/100BASE)	版本 REV.	A
1	初版发行		X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC612601A-M945-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XXX ±0.10	投影 Projection	材料 MATERIAL		页次 SHEET	2/3
			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.

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			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) TAB-DOWN 1X1 10/100BASE)	版本 REV.	A
1	初版发行		X.XX ±0.20	比例 SCALE		产品料号 PART NO.	HC612601A-M945-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	3/3