

RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
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 "M"

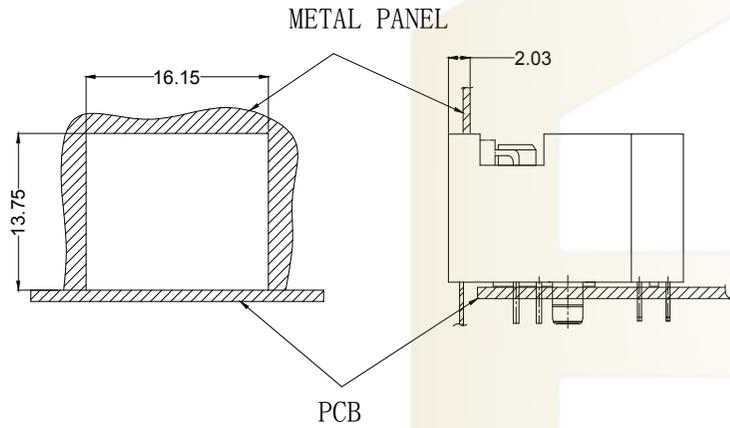
Ordering Information

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

Type	LED Color	EMI	Ports	产品序号
61-卧式插件	6-主灯	6-主脚	6-主脚	0-主脚
62-立式插件	1-带灯 (左黄右绿)	7-带脚	7-带脚	01-113
63-卧式贴片	2-带灯 (左黄右绿)	8-带脚	8-带脚	02-211
64-立式贴片	3-带灯 (左黄右绿)	9-带脚	9-带脚	Shielding
65-立式贴片	4-带灯 (左绿右黄)	10-带脚	10-带脚	22-02211
	5-带灯 (左绿右黄, 绿-黄)			(无屏蔽)
	6-带灯 (左绿, 右黄-黄)			
	7-带灯 (左绿-橙, 右黄)			

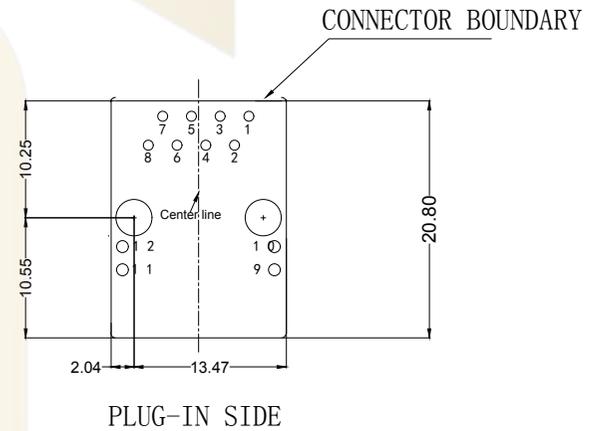
			GENRL TOLERANCE	制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK	产品名称 TITLE	网络插座 (卧插 带灯全塑 左绿右黄 TAB-UP 1x1 10/100BASE)	版本 REV.	A
			X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC612WS01A-M963-A	单位 UNITS	mm
1	初版发行		X.XX ±0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	1/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XXX ±0.10	投影 Projection				
			Angle ±3.0°					

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):

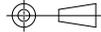


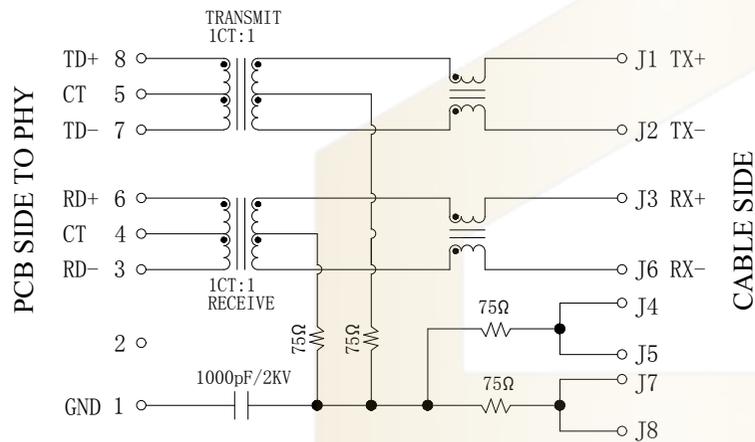
UNIT: MM / INCH
 TOLERANCES: ± 0.10 / 0.004
 REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW):



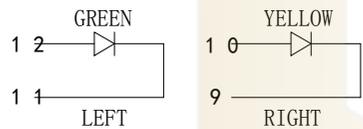
UNIT: MM / INCH
 TOLERANCES: ± 0.10 / 0.004

			GENEAL TOLERANCE	制图 DRAWING	 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
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			X.X ± 0.30	批准 APPROVAL	产品料号 PART NO.	HC612WS01A-M963-A	单位 UNITS	mm
			X.XX ± 0.20	比例 SCALE	材料 MATERIAL		页次 SHEET	2/4
			X.XXX ± 0.10	投影 Projection				
1	初版发行		Angle $\pm 3.0^\circ$					
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE						



Electrical:

1. Turn ratio: 8~7: J1~J2=1CT:1CT(±2%).
6~3: J3~J6=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
5. Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. Hi-Pot: 1500V AC & 2250V DC
6S 1mA PRI TO SEC

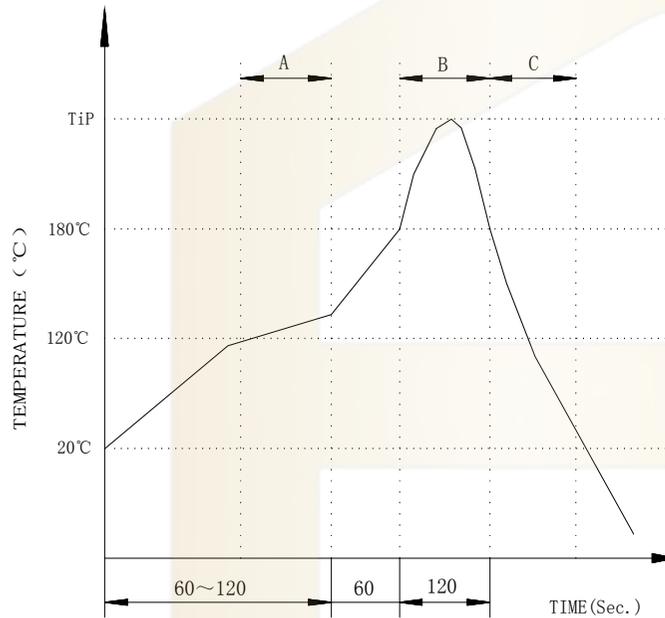


LED Specification

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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1	初版发行		X.X ±0.30	批准 APPROVAL	产品料号 PART NO.	HC612WS01A-M963-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X.XX ±0.20 X.XXX ±0.10 Angle ±3.0°	投影 Projection	材料 MATERIAL		页次 SHEET	3/4

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°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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1	初版发行		X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	批准 APPROVAL	产品料号 PART NO.		HC612WS01A-M963-A	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle $\pm 3.0^\circ$	投影 Projection			材料 MATERIAL	页次 SHEET	4/4