

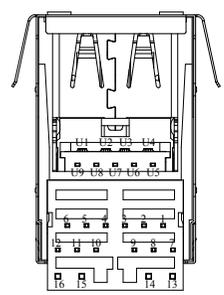
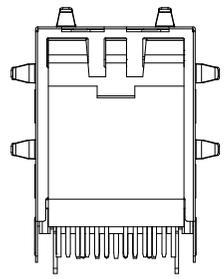
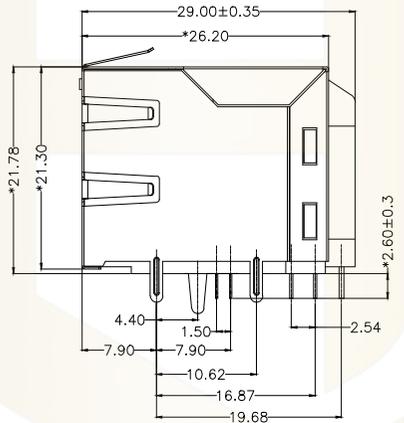
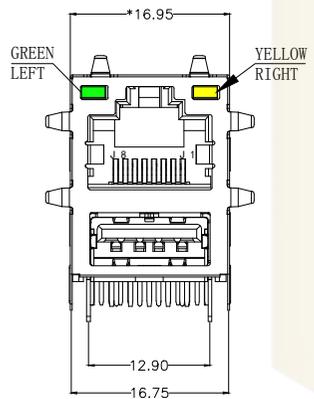
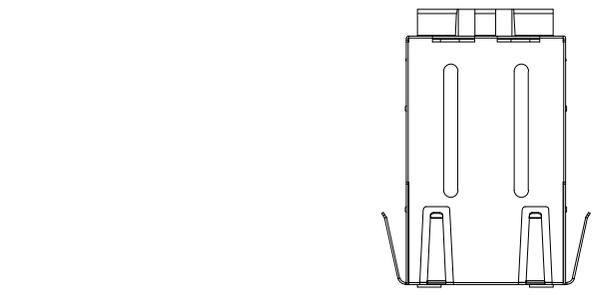
MATERIAL:

RJ45:
HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,50U"MIN NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM, 6U" GOLD PLATING ON CONTACT AREA.

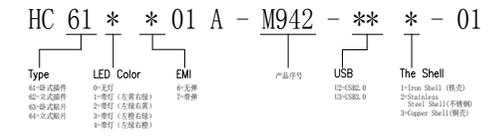
USB 3.0:
TERMINALS BRACKET: PBT,UL94V-0,BLUE.
SHIELD: IRON,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM, 6U" GOLD PLATING ON CONTACT AREA.
CURRENT RATING : 2AMP.
DIELECTRIC STRENGTH: 500 VAC AT Sea Level.
INSULATION RESISTANCE: 1000 MEGA OHMS MIN.
CONTACT RESISTANCE: 30 MILLIOHMS MAX.

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 "*"

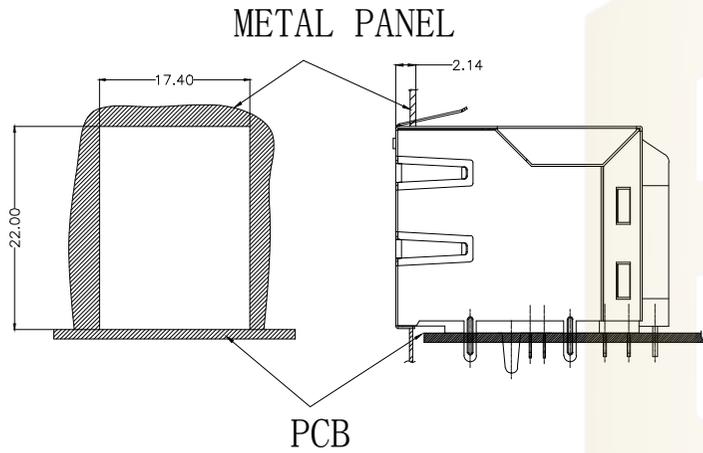


Ordering Information



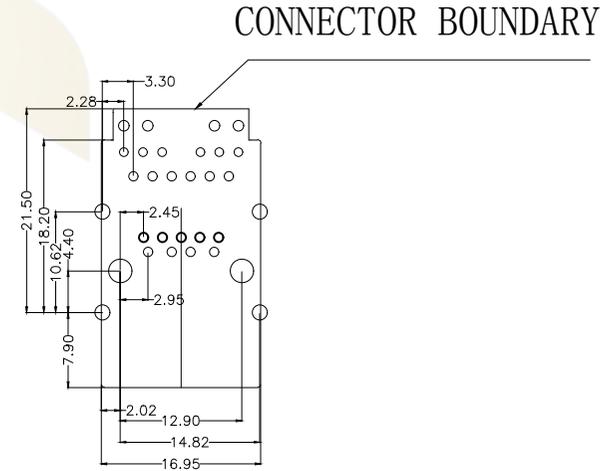
			GENERAL TOLERANCE	制图	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	DRAWING				
			X.X ±0.30	审核	产品名称	网络插座 (卧插 带灯带弹)	版本	A
			X.XX ±0.20	批准	TITLE	RJ45+USB3.0 1000BASE	REV.	
			X.XXX ±0.10	比例	产品料号	HC612701A-M942-U33-01	单位	mm
			Angle ±3.0°	投影	PART NO.		页次	1/4
序号	变更内容	日期		投影	材料		SHEET	
No.	MODIFY CONTENT	MODIFY DATE		Projection	MATERIAL			

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



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

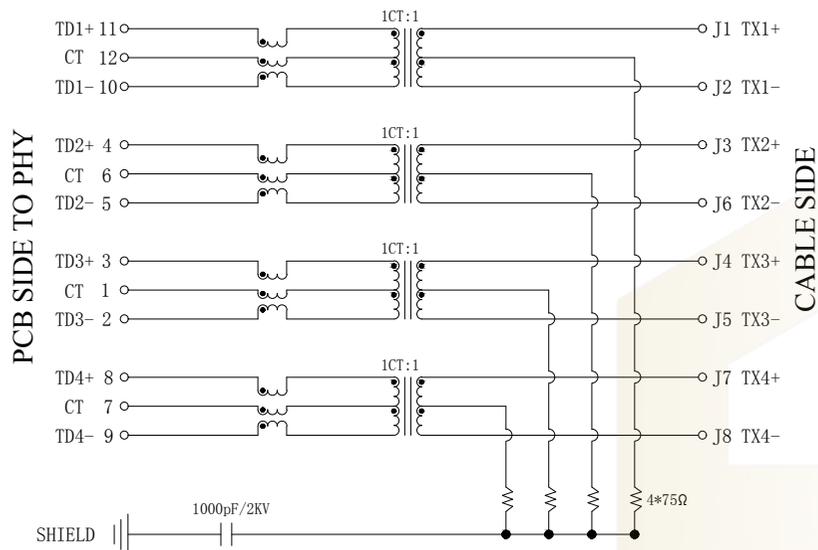
KEEP-OUT AREA (COMPONENT SIDE VIEW):



PLUG-IN SIDE

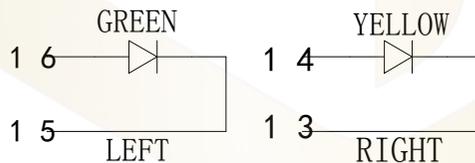
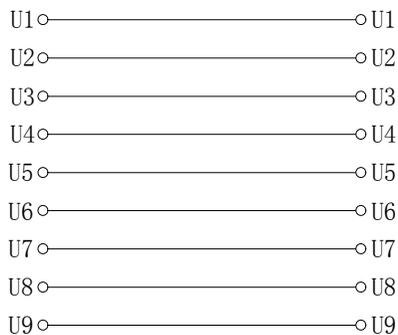
UNIT: MM / INCH
 TOLERANCES: ± 0.10 / 0.004

			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 (卧插 带灯带弹 RJ45+USB3.0 1000BASE)	版本 REV.	A
			X.X ± 0.30	批准 APPROVAL	产品料号 PART NO.	HC612701A-M942-U33-01	单位 UNITS	mm
1	初版发行		X.XX ± 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	X.XXX ± 0.10	投影 Projection				
			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 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

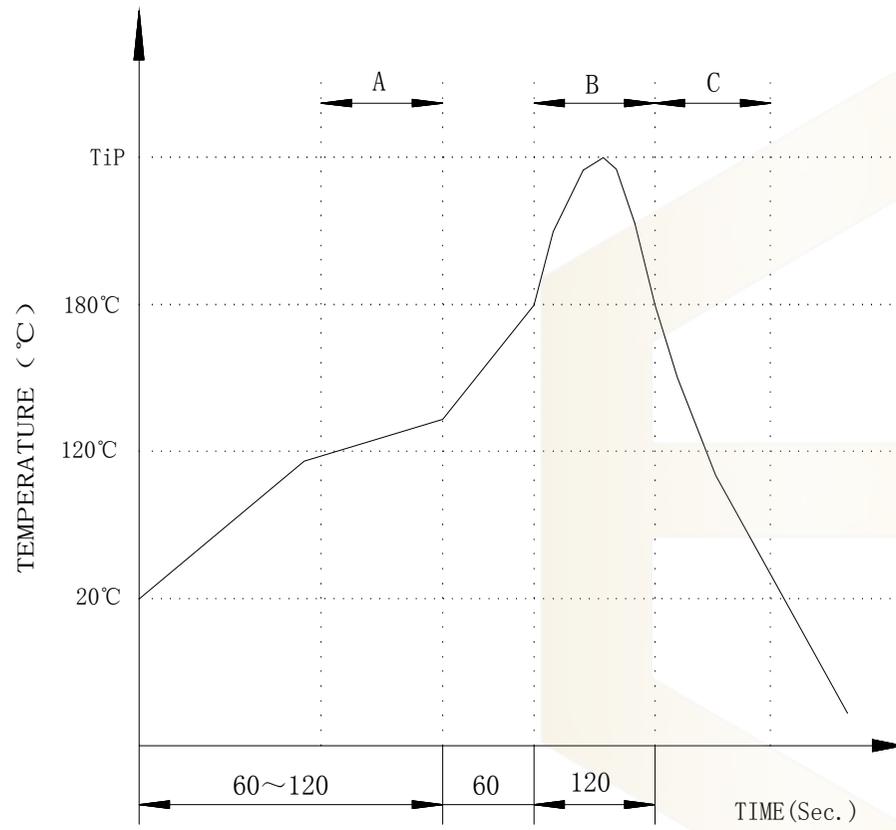


LED Specification

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

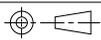
			GENEERL TOLERANCE	制图 DRAWING	深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK				
			X.X ±0.30	批准 APPROVAL	产品名称 TITLE	网络插座 (卧插 带灯带弹 RJ45+USB3.0 1000BASE)	版本 REV.	A
1 初版发行			X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC612701A-M942-U33-01	单位 UNITS	mm
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°	投影 Projection		材料 MATERIAL	页次 SHEET	3/4

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.

			GENEERL TOLERANCE	制图 DRAWING	 深圳市华灿天禄电子有限公司 ShenzhenhuaciantianluELECTRONICS CO.,LTD			
			DIM TOL	审核 CHECK				
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			X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC612701A-M942-U33-01	单位 UNITS	mm
			X.XXX ±0.10	投影 Projection	材料 MATERIAL			
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle ±3.0°		页次 SHEET			
				4/4				