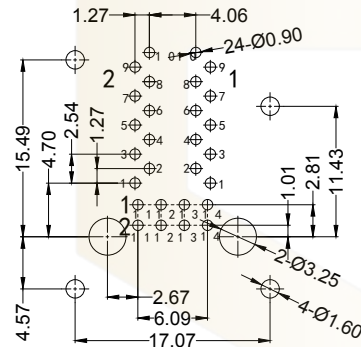
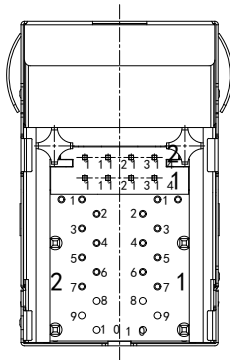


MATERIAL:

HOUSING: PA66,UL94V-0,BLACK.
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,
 6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

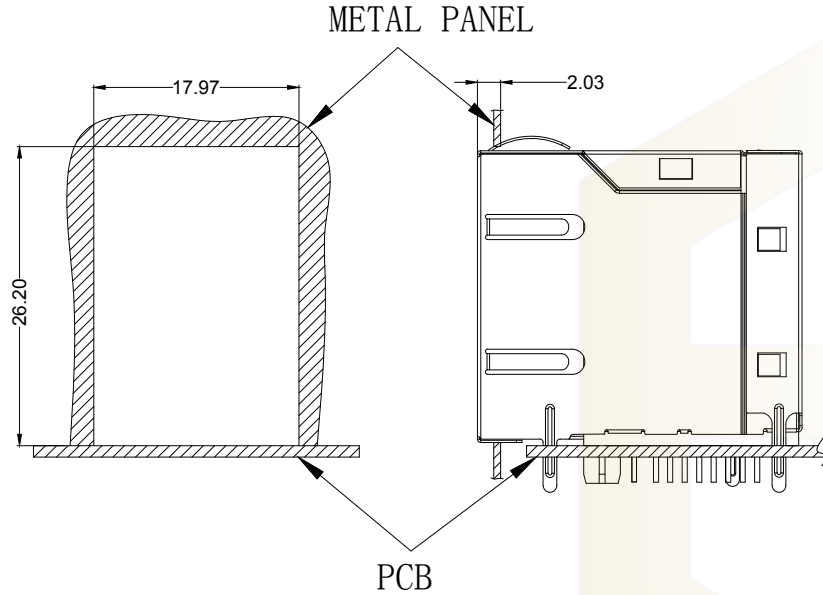
DURABILITY: 750 CYCLES MIN.
 MATING FORCE: 23N MAX.
 OPERATING TEMPERATURE: -40°C~+85°C.
 STORAGE TEMPERATURE: -40°C~+85°C.
 ALL CRITICAL DIMENSIONS WITH "*"



RECOMMENDED PCB LAYOUT
 VIEWED FROM COMPONENT SIDE

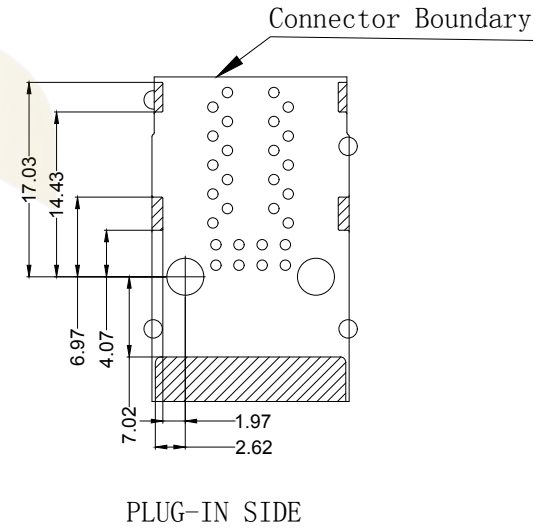
			GENERAL TOLERANCE		制图 DRAWING		深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD				
			DIM	TOL	审核 CHECK		产品名称 TITLE		网络插座 (插件 TAB-UP 2x1 100BASE)	版本 REV.	A
			X.X	±0.30	批准 APPROVAL		产品料号 PART NO.		HC916100H-M919-A	单位 UNITS	mm
1			初版发行		比例 SCALE		材料 MATERIAL			页次 SHEET	1/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle	±3.0°	投影 Projection						

SUGGESTED PANEL OPENING:



UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

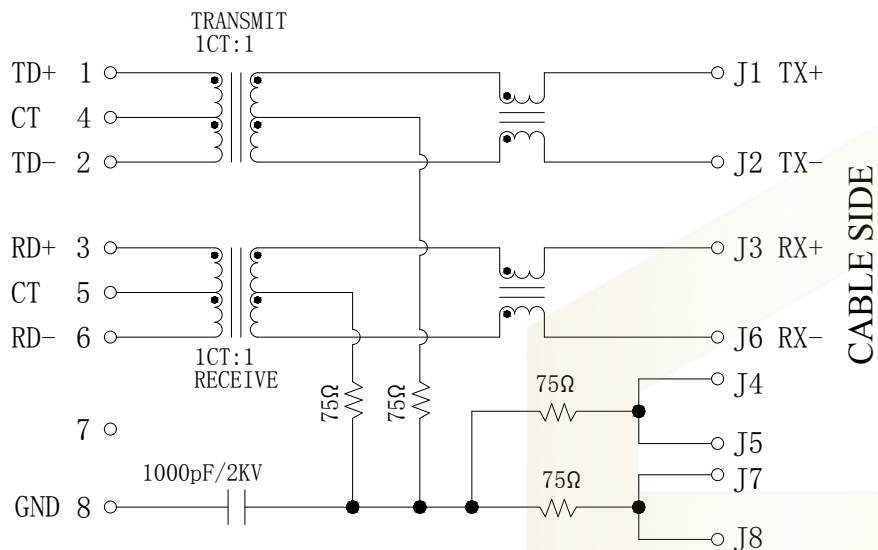
KEEP-OUT AREA (COMPONENT SIDE VIEW):



UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

			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		版本 REV.
			X.XX	± 0.20			网络插座 (插件 TAB-UP 2x1 100BASE)		A
1			初版发行				产品料号 PART NO.		单位 UNITS
序号 No.			变更内容 MODIFY CONTENT		日期 MODIFY DATE		HC916100H-M919-A		mm
			Angle	$\pm 3.0^\circ$	投影 Projection		材料 MATERIAL		页次 SHEET
									2/4

PCB SIDE TO PHY



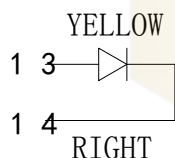
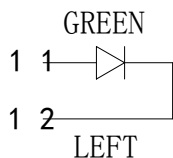
Electrical:


1. Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
3~6: J3~J6=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.2 dB Max 1~100MHz.
4. Return loss: -16dB Min 1~30MHz;
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
5. Cross talk: -30dB Min 1~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. Hi-Pot: 1500V AC & 2250V DC
6S 1mA PRI TO SEC

CABLE SIDE

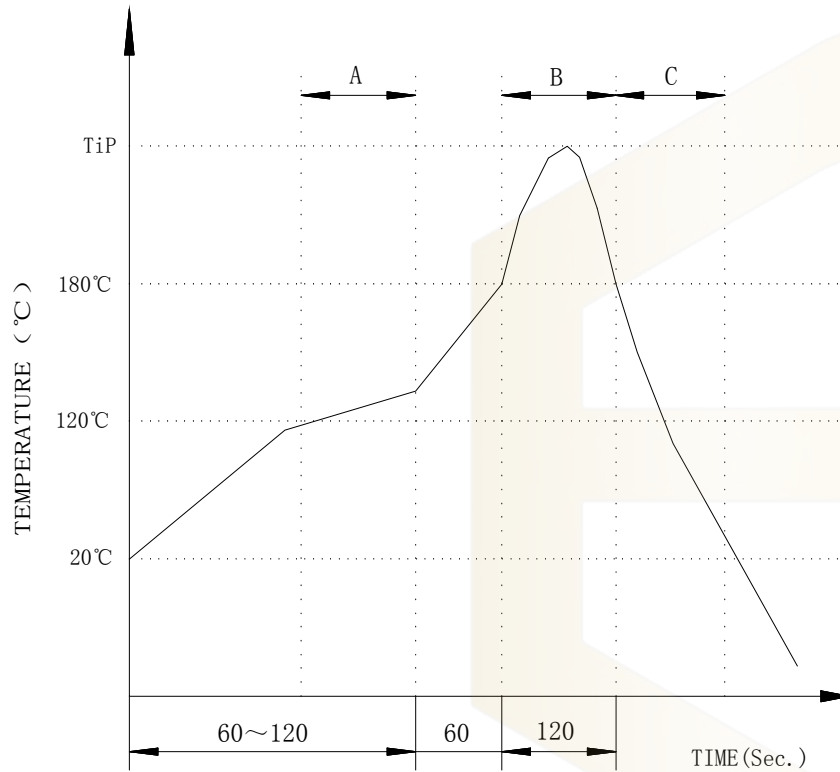
LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	565nm	20mA	2.2-2.4V
Yellow	605nm	20mA	2.1-2.5V





			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				
			X.X ±0.30	批准 APPROVAL	产品名称 TITLE	网络插座 (插件 TAB-UP 2x1 100BASE)	版本 REV.	A
1	初版发行		X.XX ±0.20	比例 SCALE	产品料号 PART NO.	HC916100H-M919-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	3/4

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.

			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 TAB-UP 2x1 100BASE)	版本 REV.	A
			X. X	± 0.30	批准 APPROVAL			产品料号 PART NO.	HC916100H-M919-A	单位 UNITS	mm
1	初版发行		X. XX	± 0.20	比例 SCALE			材料 MATERIAL		页次 SHEET	4/4
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	X. XXX	± 0.10	投影 Projection						
			Angle	$\pm 3.0^\circ$							