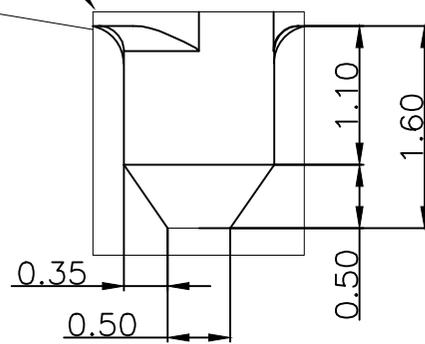


Tooling PIN

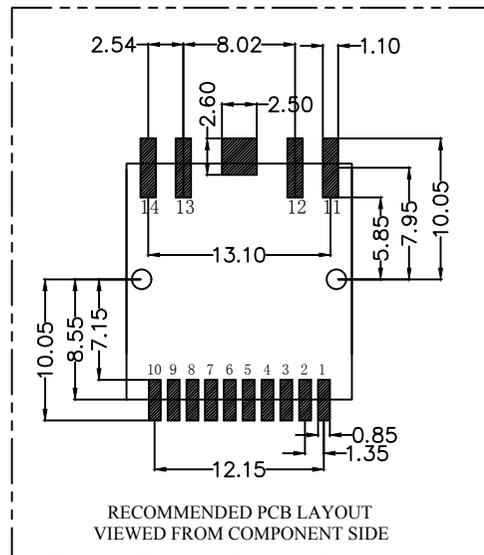
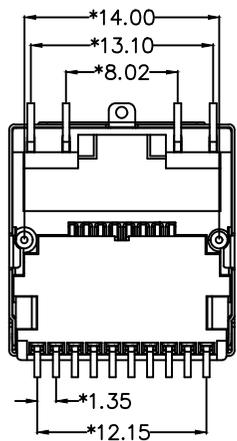


MATERIAL:

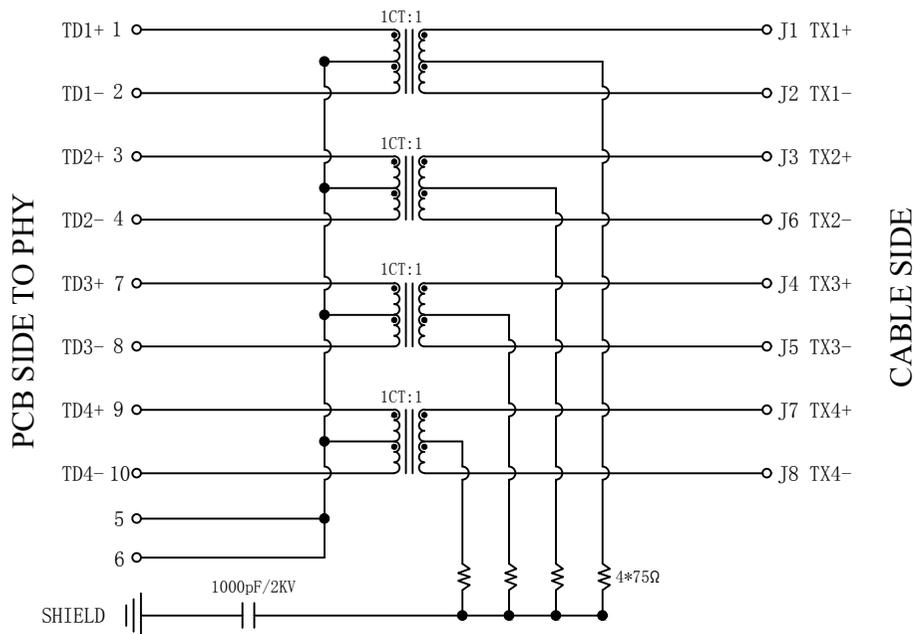
HOUSING : LCP,UL94V-0,BLACK.
 TERMINALS BRACKET: LCP,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,
 15U" GOLD PLATING ON CONTACT AREA.
 NICKEL 50-80 MICRO-INCH.

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 "*"

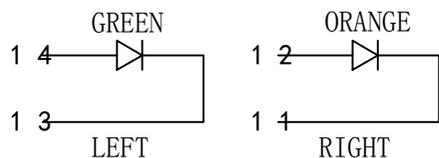


| | | | | | | | | |
|-----------|------------------------|-------------------|----------------|------------------|--|---------------------------|-------------|-----|
| | | GENERAL TOLERANCE | | 制图 DRAWING | 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD | | | |
| | | DIM | TOL | 审核 CHECK | | | | |
| | | X.X | ±0.30 | 批准 APPROVAL | 产品名称 TITLE | 网络插座 (立式 1x1 1000BASE) | 版本 REV. | A |
| 1 | 初版发行 | X.XX | ±0.20 | 比例 SCALE | 产品料号 PART NO. | HC-RJ45-511Q-1-2 | 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 | 1/3 |



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

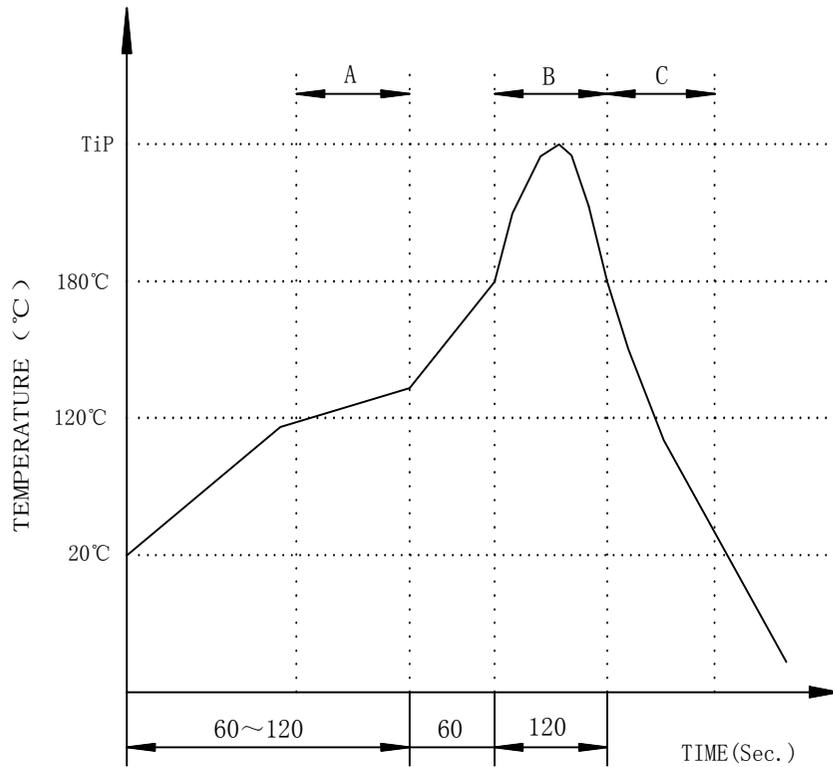


LED Specification

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

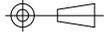
| | | | | | | | | | | | | |
|--------|--|---------------------|--|----------------|--|---|--|------------------------|--|----------|--|-----|
| | | GENERAL TOLERANCE | | 制图 DRAWING | | 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO., LTD | | | | | | |
| | | DIM TOL | | 审核 CHECK | | 产品名称 TITLE | | 网络插座 (立式 1x1 1000BASE) | | 版本 REV. | | A |
| | | X.X ±0.30 | | 批准 APPROVAL | | 产品料号 PART NO. | | HC-RJ45-511Q-1-2 | | 单位 UNITS | | mm |
| 1 | | 初版发行 | | X.XX ±0.20 | | 比例 SCALE | | | | 页次 SHEET | | 2/3 |
| 序号 No. | | 变更内容 MODIFY CONTENT | | 日期 MODIFY DATE | | 投影 Projection | | 材料 MATERIAL | | | | |
| | | X.XXX ±0.10 | | Angle ±3.0° | | | | | | | | |

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 | | | | |
| | | | X.X ± 0.30 | 批准 APPROVAL | 产品名称 TITLE | 网络插座 (立式 1x1 1000BASE) | 版本 REV. | A |
| 1 | 初版发行 | | X.XX ± 0.20 | 比例 SCALE | 产品料号 PART NO. | HC-RJ45-511Q-1-2 | 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 | 3/3 |