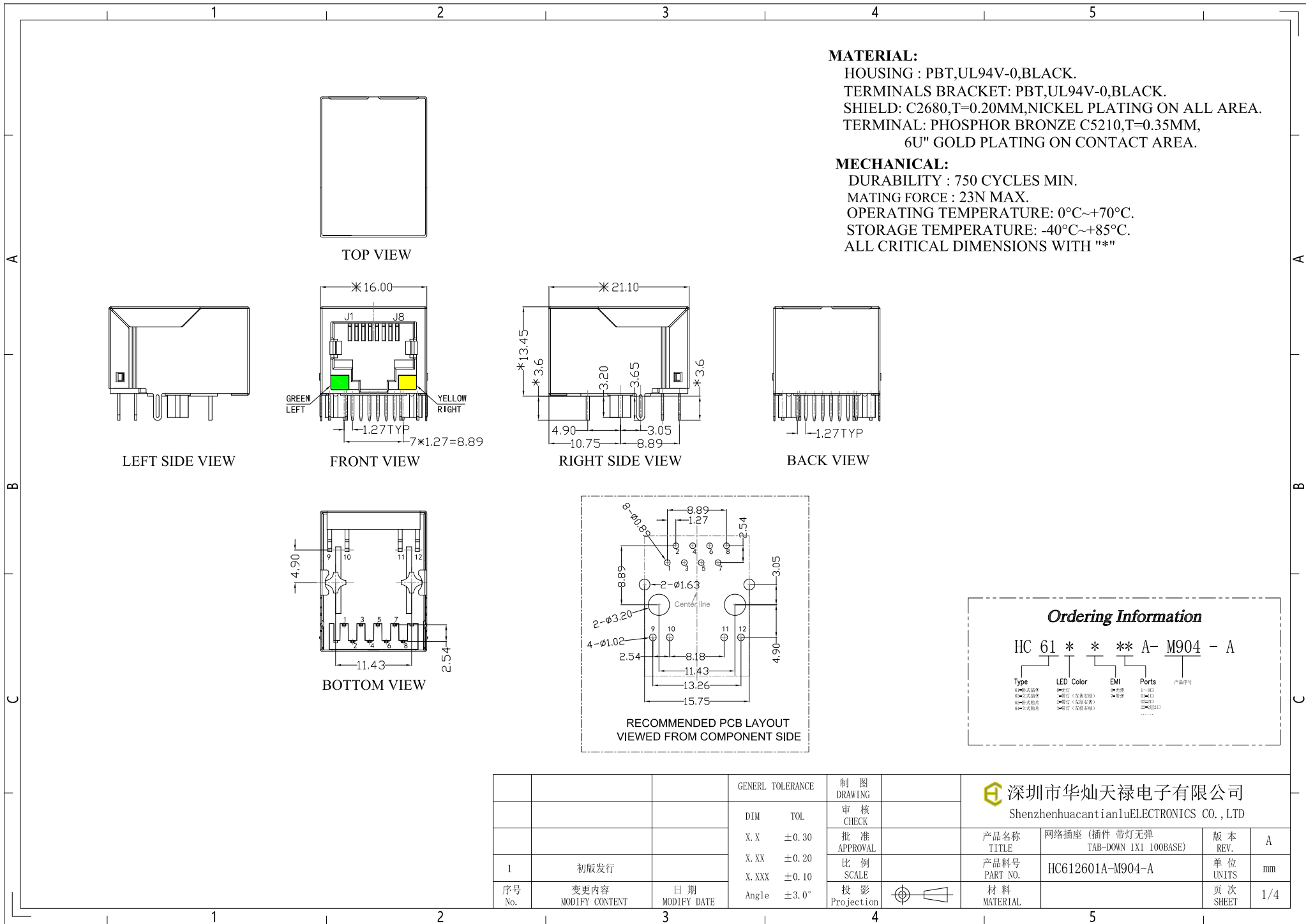
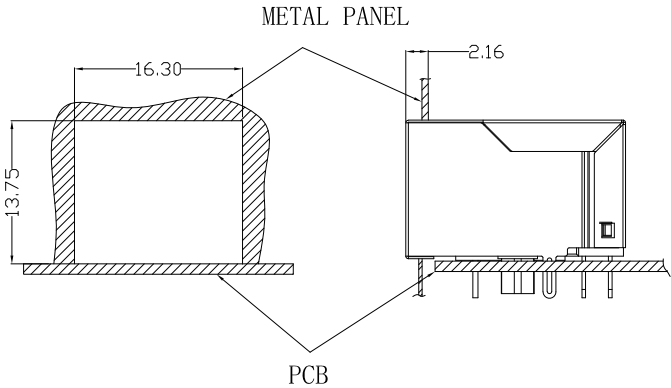




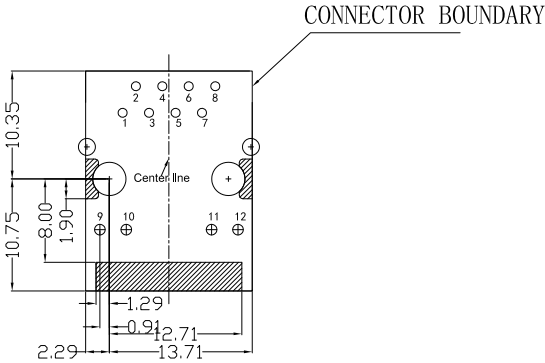
|           |                        |                   |                     |                   |                                                          |                                        |              |     |
|-----------|------------------------|-------------------|---------------------|-------------------|----------------------------------------------------------|----------------------------------------|--------------|-----|
|           |                        |                   | GENE RL TOL E RANCE | 制 图<br>DRAWING    | 深圳市华灿天禄电子有限公司<br>ShenzhenhuacantianluELECTRONICS CO.,LTD |                                        |              |     |
|           |                        |                   | DIM TOL             | 审 核<br>CHECK      | 产品名称<br>TITLE                                            | 网络插座 (插件 带灯无弹<br>TAB-DOWN 1X1 100BASE) | 版 本<br>REV.  | A   |
|           |                        |                   | X. X ±0.30          | 批 准<br>APPROVAL   | 产品料号<br>PART NO.                                         | HC612601A-M904-A                       | 单 位<br>UNITS | mm  |
| 1         | 初版发行                   |                   | X. XX ±0.20         | 比 例<br>SCALE      | 材料<br>MATERIAL                                           |                                        | 页 次<br>SHEET | 1/4 |
| 序号<br>No. | 变更内容<br>MODIFY CONTENT | 日期<br>MODIFY DATE | X. XXX ±0.10        | 投 影<br>Projection |                                                          |                                        |              |     |
|           |                        |                   | Angle ±3.0°         |                   |                                                          |                                        |              |     |

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



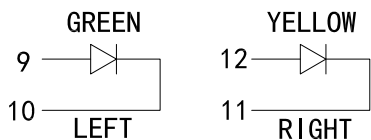
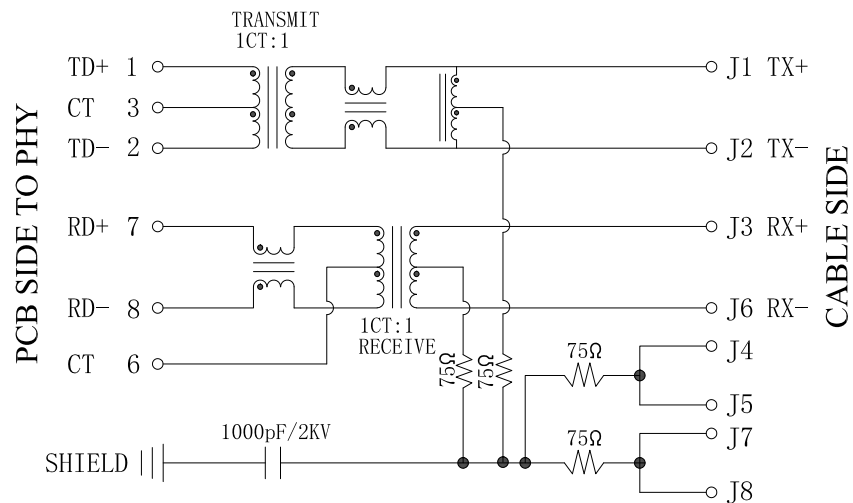
UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10$  / 0.004  
REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW):



UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10$  / 0.004

|           |                        |                   |                       |                   |                                                          |                                        |              |     |
|-----------|------------------------|-------------------|-----------------------|-------------------|----------------------------------------------------------|----------------------------------------|--------------|-----|
|           |                        |                   | GENE RL TOL E RANCE   | 制 图<br>DRAWING    | 深圳市华灿天禄电子有限公司<br>ShenzhenhuacantianluELECTRONICS CO.,LTD |                                        |              |     |
|           |                        |                   | DIM TOL               | 审 核<br>CHECK      |                                                          |                                        |              |     |
|           |                        |                   | X. X $\pm 0.30$       | 批 准<br>APPROVAL   | 产品名称<br>TITLE                                            | 网络插座 (插件 带灯无弹<br>TAB-DOWN 1X1 100BASE) | 版 本<br>REV.  | A   |
| 1         | 初版发行                   |                   | X. XX $\pm 0.20$      | 比 例<br>SCALE      | 产品料号<br>PART NO.                                         | HC612601A-M904-A                       | 单 位<br>UNITS | mm  |
| 序号<br>No. | 变更内容<br>MODIFY CONTENT | 日期<br>MODIFY DATE | X. XXX $\pm 0.10$     | 投 影<br>Projection | 材 料<br>MATERIAL                                          |                                        | 页 次<br>SHEET | 2/4 |
|           |                        |                   | Angle $\pm 3.0^\circ$ |                   |                                                          |                                        |              |     |



### Electrical:

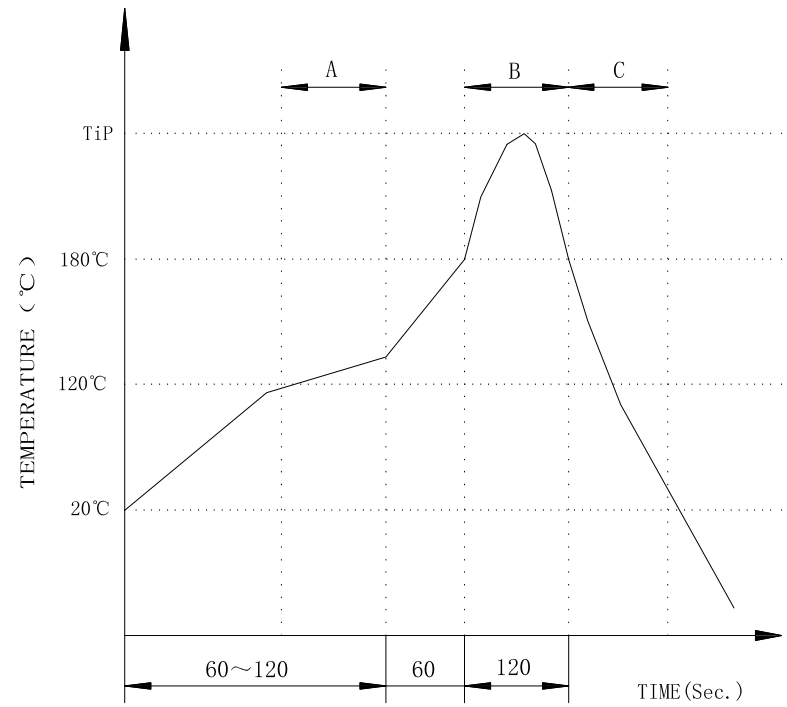
- Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).  
7~8: J3~J6=1CT:1CT(±2%).
- OCL: 350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;  
-16dB Min 10~30MHz.  
-12dB Min 30~60MHz.  
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;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

|            |                           |                    |                     |                   |                                                                                       |                                                                                                                                                |                                               |              |     |
|------------|---------------------------|--------------------|---------------------|-------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------|-----|
|            |                           |                    | GENE RL TOL E RANCE | 制 图<br>DRAWING    |                                                                                       |  深圳市华灿天禄电子有限公司<br>ShenzhenhuacantianluELECTRONICS CO.,LTD |                                               |              |     |
|            |                           |                    | DIM TOL             | 审 核<br>CHECK      |                                                                                       |                                                                                                                                                |                                               |              |     |
|            |                           |                    | X. X ±0.30          | 批 准<br>APPROVAL   |                                                                                       | 产 品 名 称<br>TITLE                                                                                                                               | 网 络 插 座 (插 件 带 灯 无 弹<br>TAB-DOWN 1X1 100BASE) | 版 本<br>REV.  | A   |
| 1          | 初版发行                      |                    | X. XX ±0.20         | 比 例<br>SCALE      |                                                                                       | 产 品 料 号<br>PART NO.                                                                                                                            | HC612601A-M904-A                              | 单 位<br>UNITS | mm  |
| 序 号<br>No. | 变 更 内 容<br>MODIFY CONTENT | 日 期<br>MODIFY DATE | X. XXX ±0.10        | 投 影<br>Projection |  | 材 料<br>MATERIAL                                                                                                                                |                                               | 页 次<br>SHEET | 3/4 |
|            |                           |                    | 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.

|           |                        |                    |                   |                   |                                                          |                                        |              |     |
|-----------|------------------------|--------------------|-------------------|-------------------|----------------------------------------------------------|----------------------------------------|--------------|-----|
|           |                        |                    | GENE RL TOLERANCE | 制 图<br>DRAWING    | 深圳市华灿天禄电子有限公司<br>ShenzhenhuacantianluELECTRONICS CO.,LTD |                                        |              |     |
|           |                        |                    | DIM TOL           | 审 核<br>CHECK      |                                                          |                                        |              |     |
|           |                        |                    | X. X ±0.30        | 批 准<br>APPROVAL   | 产品名称<br>TITLE                                            | 网络插座 (插件 带灯无弹<br>TAB-DOWN 1X1 100BASE) | 版 本<br>REV.  | A   |
| 1         | 初版发行                   |                    | X. XX ±0.20       | 比 例<br>SCALE      | 产品料号<br>PART NO.                                         | HC612601A-M904-A                       | 单 位<br>UNITS | mm  |
| 序号<br>No. | 变更内容<br>MODIFY CONTENT | 日 期<br>MODIFY DATE | X. XXX ±0.10      | 投 影<br>Projection | 材 料<br>MATERIAL                                          |                                        | 页 次<br>SHEET | 4/4 |
|           |                        |                    | Angle ±3.0°       |                   |                                                          |                                        |              |     |