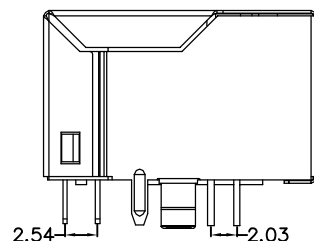
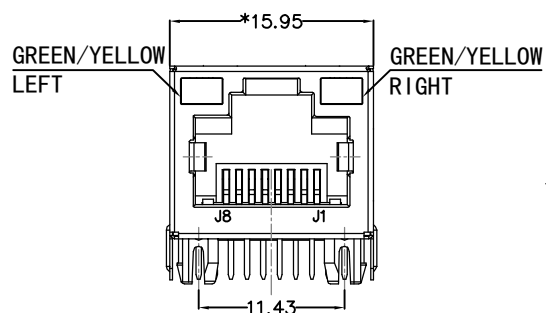


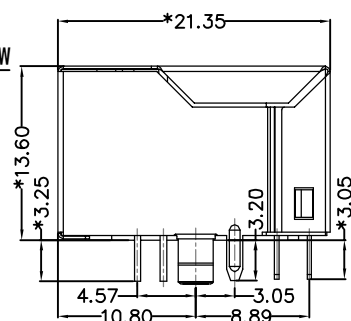
TOP VIEW



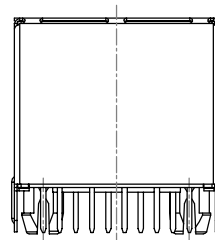
LEFT SIDE VIEW



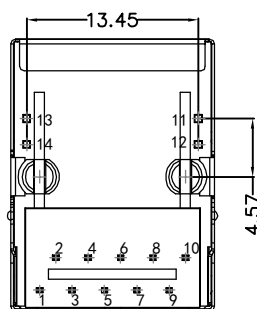
FRONT VIEW



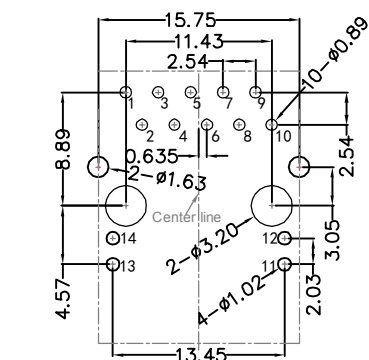
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE**MATERIAL:**

HOUSING : PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.

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.

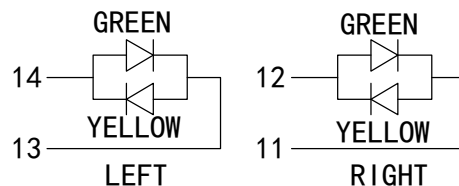
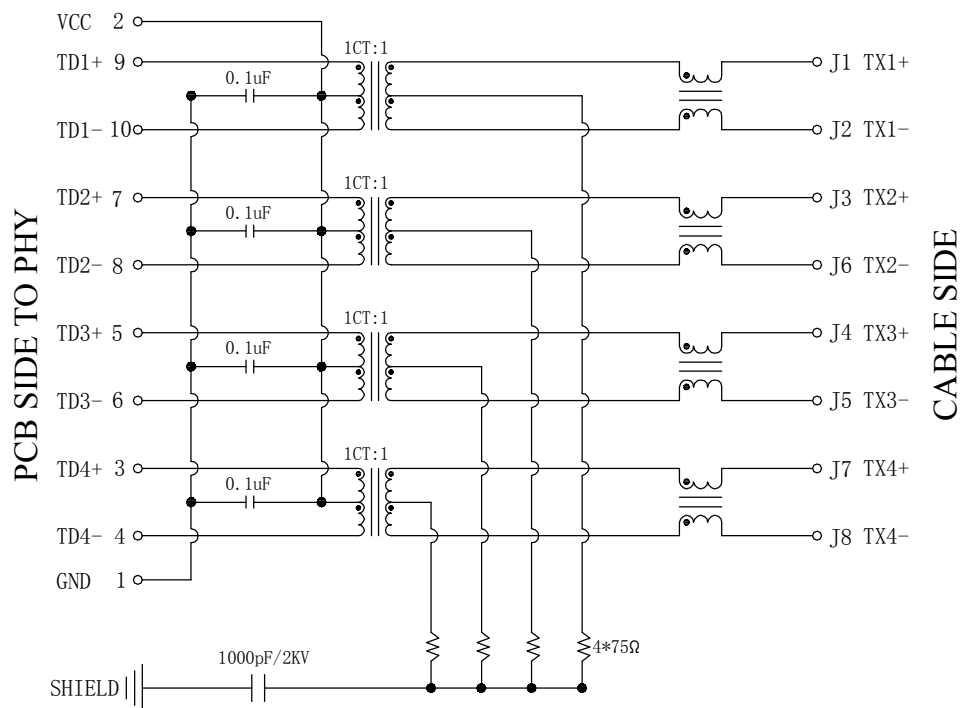
STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "\*"



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|                                                                           |                    |                      |                                           |  |
|---------------------------------------------------------------------------|--------------------|----------------------|-------------------------------------------|--|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X' ±0.5' | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:<br>RJ45 90 ° DIP 带灯带屏蔽1000BASE |  |
|                                                                           | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYCW392-RJ45-213B-851178A     |  |
|                                                                           | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | DRAW NO:<br>HYC-2205071722                |  |
|                                                                           | SCALE:1:1          | SIZE: A4             | SHEET NO.<br>1 OF 1                       |  |



### Electrical:

- Turn ratio: 9~10: J1~J2=1CT:1CT(±2%).  
7~8: J3~J6=1CT:1CT(±2%).  
5~6: J4~J5=1CT:1CT(±2%).  
3~4: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

### LED Specification

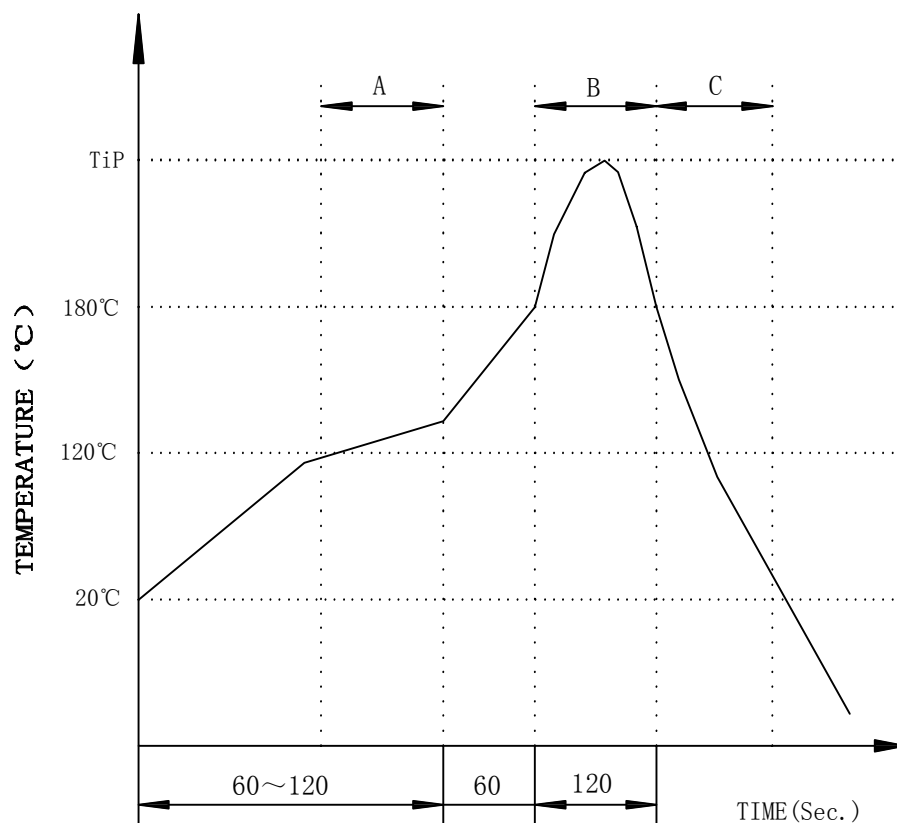
| Standard LED Color | LED Wavelength | Foward(A) | Foward(V)  |
|--------------------|----------------|-----------|------------|
| Green              | 568nm          | 20mA      | 1.85-2.45V |
| Yellow             | 585nm          | 20mA      | 1.7-2.2V   |



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|                                                                                                                               |                           |                             |                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------|--------------------------------------------------|--|
| <b>TOLERANCE:</b><br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X' ±0.5'<br><br>UNIT: mm [inch]<br>SCALE:1:1 SIZE: A4 | <b>DRAWN BY :</b><br>陈一鸣  | <b>DATE :</b><br>2014-02-23 | <b>PART NAME:</b><br>RJ45 90 ° DIP 带灯带屏蔽1000BASE |  |
|                                                                                                                               | <b>CHECKED BY:</b><br>马跃  | <b>DATE :</b><br>2014-02-23 | <b>PART NO.</b><br>HYCW392-RJ45-213B-851178A     |  |
|                                                                                                                               | <b>APPROVED BY:</b><br>邱敏 | <b>DATE :</b><br>2014-02-23 | <b>DRAW NO:</b><br>HYC-2205071722                |  |
|                                                                                                                               |                           |                             | <b>SHEET NO.</b><br>1 OF 1                       |  |

## 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.



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|                                                                           |                    |                      |                                           |  |
|---------------------------------------------------------------------------|--------------------|----------------------|-------------------------------------------|--|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X" ±0.5" | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:<br>RJ45 90 ° DIP 带灯带屏蔽1000BASE |  |
|                                                                           | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HVCW392-RJ45-213B-851178A     |  |
| <br>UNIT: mm [inch]<br>SCALE:1:1 SIZE: A4                                 | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | DRAW NO:<br>HVC-2205071722                |  |
|                                                                           |                    |                      | SHEET NO.<br>1 OF 1                       |  |