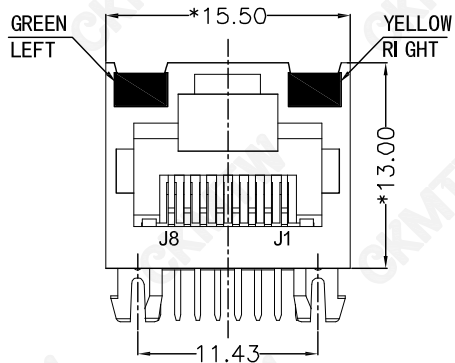
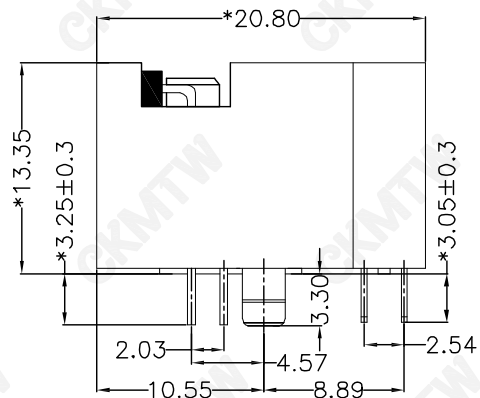
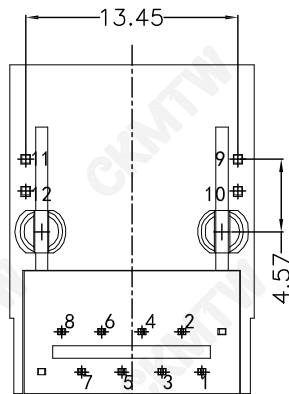




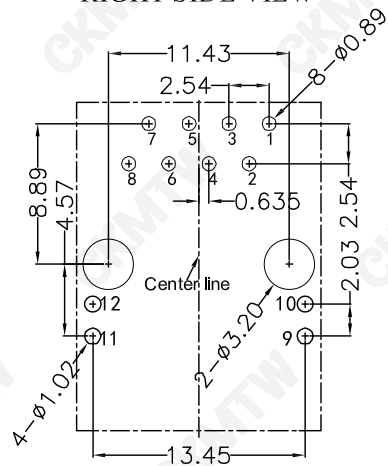
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

**MATERIAL:**

HOUSING : PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

TERMINAL: PHOSPHOR BRONZE C521 0,T=0.35MM,  
GOLD PLATING ON CONTACT AREA.

**MECHANICAL:**

DURABILITY : 750 CYCLES MIN.

MATING FORCE : 23N MAX.

OPERATING TEMPERATURE: -40°C~+85°C.

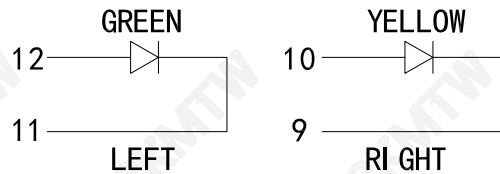
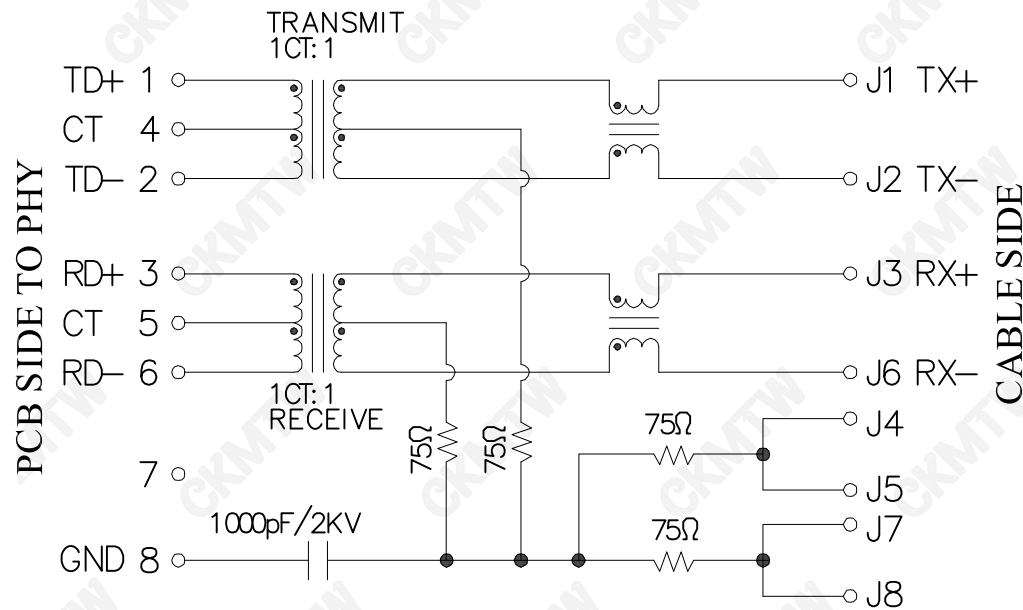
STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "\*"

|                   |                    |                                                       |                 |                 |           |
|-------------------|--------------------|-------------------------------------------------------|-----------------|-----------------|-----------|
| APPROVED:         | DATE:              | Ckmtw 深圳市灿科盟实业有限公司<br>CHANKEMENG INDUSTRY CO., LTD    |                 |                 |           |
| CHECKED:          | DATE:              | TITLE: 百兆网口<br>RJ45-8P/8C TAB-UP H=20.8 弯插 全塑 带灯 带变压器 |                 |                 |           |
| DRAWN:<br>W. J. B | DATE:<br>2024-7-18 | CLIENT P/N                                            |                 | R-RJ45R08P-DA01 |           |
|                   |                    | UNIT                                                  | mm              | SCALE           | free      |
|                   |                    | FILE NO.                                              | Ckmtw-RJ45-0327 | REV.            | A 1/3 KYD |

TOLERANCE TABLE

|      |       |
|------|-------|
| .0   | ±0.20 |
| .00  | ±0.10 |
| .000 | ±0.05 |



### Electrical@25°C :

1. Turn ratio: 1~2: J1~J2=1 CT:1 CT(±2%).  
3~6: J3~J6=1 CT:1 CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -20dB Min 1~10MHz;  
-16dB Min 10~30MHz;  
-12dB Min 30~60MHz;  
-10dB Min 60~80MHz.
5. Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. 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   |

### TOLERANCE TABLE

|      |       |
|------|-------|
| .0   | ±0.20 |
| .00  | ±0.10 |
| .000 | ±0.05 |

|                   |                    |                                                       |                 |                 |           |
|-------------------|--------------------|-------------------------------------------------------|-----------------|-----------------|-----------|
| APPROVED:         | DATE:              | Ckmtw 深圳市灿科盟实业有限公司<br>CHANKEMENG INDUSTRY CO., LTD    |                 |                 |           |
| CHECKED:          | DATE:              | TITLE: 百兆网口<br>RJ45-8P/8C TAB-UP H=20.8 弯插 全塑 带灯 带变压器 |                 |                 |           |
| DRAWN:<br>W. J. B | DATE:<br>2024-7-18 | CLIENT P/N                                            |                 | R-RJ45R08P-DA01 |           |
|                   |                    | UNIT                                                  | mm              | SCALE           | free      |
|                   |                    | FILE NO.                                              | Ckmtw-RJ45-0327 | REV.            | A 2/3 KYD |