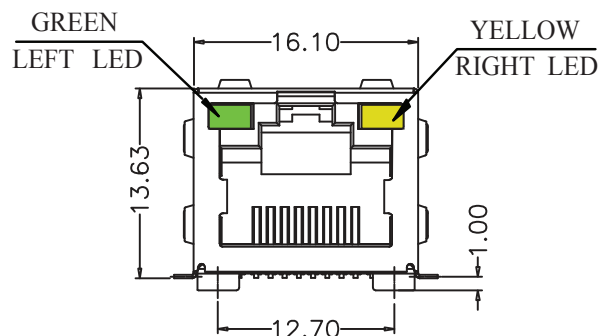
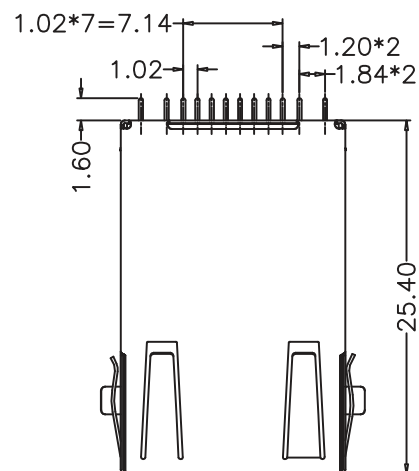
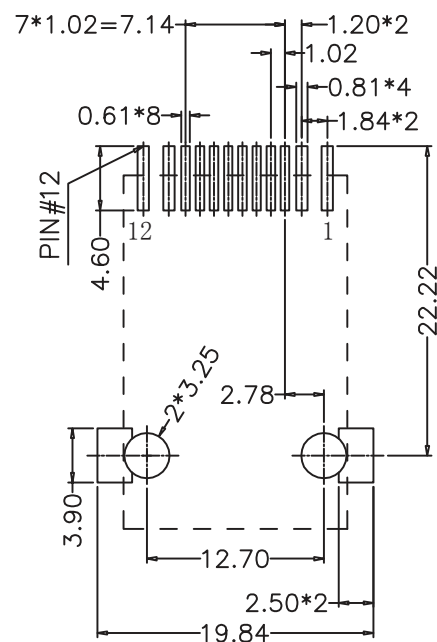


#### MATERIAL:

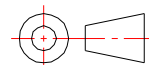
HOUSING: PBT+30%GF,UL94V-0,BLACK.  
 TERMINALS BRACKET: PBT+30%GF,UL94V-0,BLACK.  
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,  
 6U" GOLD PLATING ON CONTACT AREA.

#### MECHANICAL:

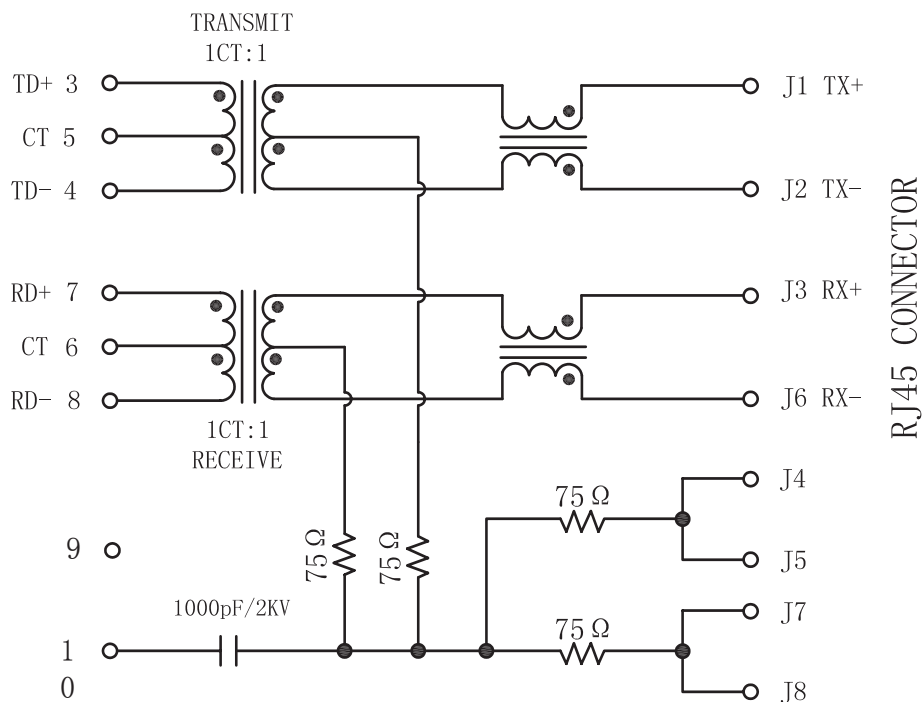
DURABILITY: 750 CYCLES MIN.  
 MATING FORCE : 30N MAX.  
 OPERATING TEMPERATURE: -40°C~+85°C.  
 STORAGE TEMPERATURE: -40°C~+85°C.  
 ALL CRITICAL DIMENSIONS WITH "\*"



RECOMMENDED PCB LAYOUT  
 VIEWED FROM COMPONENT SIDE

| ASSEMBLY DRAWING |          | GENERAL TOLERANCES UNLESS SPECIFIED |            | APPROVED BY:             | TITLE:                   |  <b>INGKE</b><br>TECHNOLOGY CO. LTD |                                                                                       |
|------------------|----------|-------------------------------------|------------|--------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIZE             | UNITS    | X±0.25                              | X°±3.0°    | Logan Luo                | Tab Up 1X1 100Base-T SMT |                                                                                                                          |                                                                                       |
| A4               | MM[INCH] | .X±0.20                             | .X°±2.0°   | CHECKED BY:<br>Otto Chen | PART NO.:<br>YKJU-2009NL |                                                                                                                          |                                                                                       |
| SCALE            | REV.     | .XX±0.10                            | .XX°±1.5°  | DESIGND BY:              | Web.:                    | SHEET                                                                                                                    |  |
| 1:1              | A3       | .XXX±0.05                           | .XXX°±1.0° | David Xiao               | www.ingketech.com        | 1/2                                                                                                                      |                                                                                       |

# PC BOARD CONNECTIONS



## 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:-1.0 dB Max 1MHz to 100MHz.
- 4.Return loss:-16dB Min From 1MHz to 30MHz;  
-14dB Min From 30MHz to 60MHz.  
-10dB Min From 60MHz to 80MHz.
- 5.Cross talk: -40dB Min From 1MHz-30MHz;  
-35dB Min From 30MHz-60MHz;  
-30dB Min From 60MHz-100MHz;
- 6.CMR: -35dB Min From 1MHz-100MHz;
- 7.Hi-Pot: 1500V AC 6S 1mA



## Specification LED

| Standard LED Color | LED Wavelength | Foward(V MAX) | Typical(V TYP) | Luminous Intensity |
|--------------------|----------------|---------------|----------------|--------------------|
| Green              | 560-580nm      | 2.5v          | 2.1-2.2v       | 9-25 MCD           |
| Yellow             | 580-610nm      | 2.5v          | 2.1-2.2v       | 9-30 MCD           |

| ASSEMBLY DRAWING |          | GENERAL TOLERANCES UNLESS SPECIFIED |            | APPROVED BY: | TITLE:                   |       |  |
|------------------|----------|-------------------------------------|------------|--------------|--------------------------|-------|--|
| SIZE             | UNITS    | X±0.25                              | X°±3.0°    | Logan Luo    | Tab Up 1X1 100Base-T SMT |       |  |
| A4               | MM[INCH] | .XX±0.20                            | .X°±2.0°   | CHECKED BY:  | PART NO.:                |       |  |
| SCALE            | REV.     | .XX±0.10                            | .XX°±1.5°  | Otto Chen    | YKJU-2009NL              |       |  |
| 1:1              | A3       | .XXX±0.05                           | .XXX°±1.0° | DESIGND BY:  | Web.:                    | SHEET |  |
|                  |          |                                     |            | David Xiao   | www.ingketech.com        | 2/2   |  |