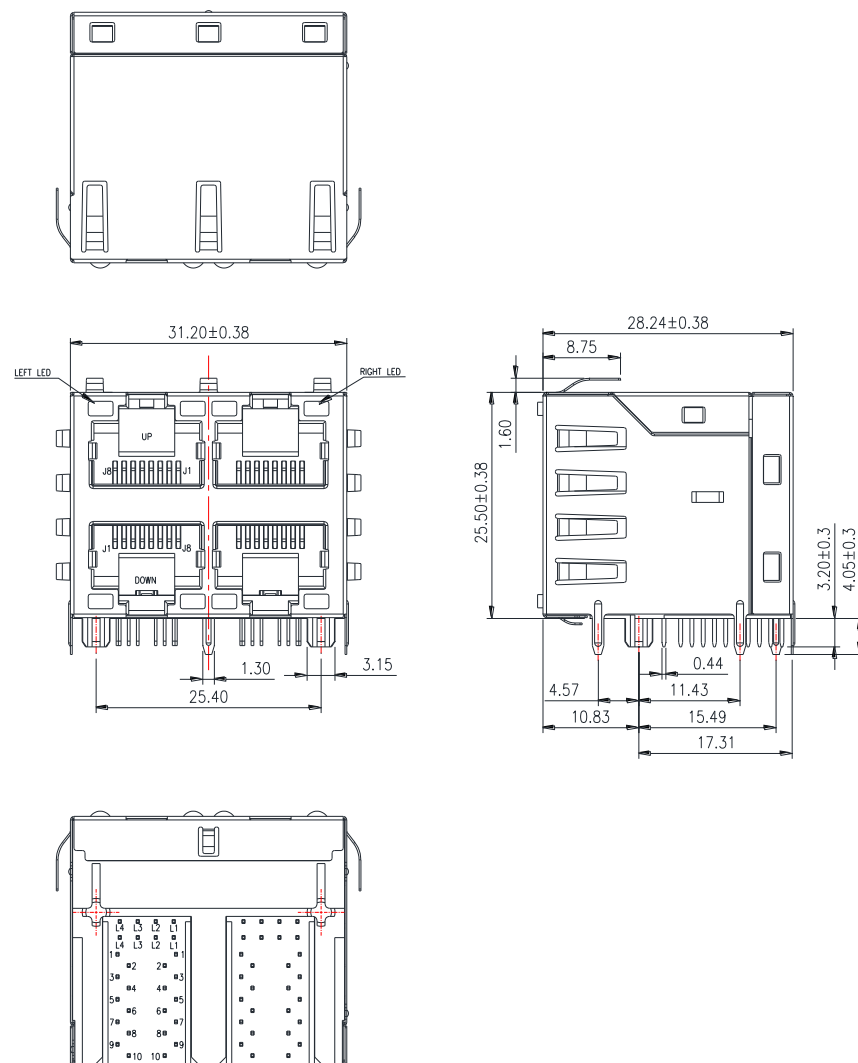


# 一、Mechanical Dimensions



SUGGESTED PCB PAD LAYOUT  
COMPONENT SIDE VIEW

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

TOLERANCES ARE

X, ±

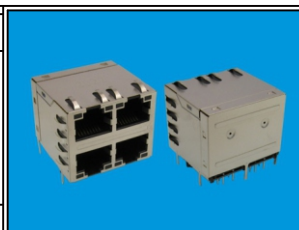
.X ±

.XX ±

.XXX ±

ANG ±

PPOJECTION



ORDER INFORMATION

MJF25T910ULB2-KF06A4GY-0808

SERIES

8P8C

GREEN / YELLOW

FRONT TAB 4.57mm

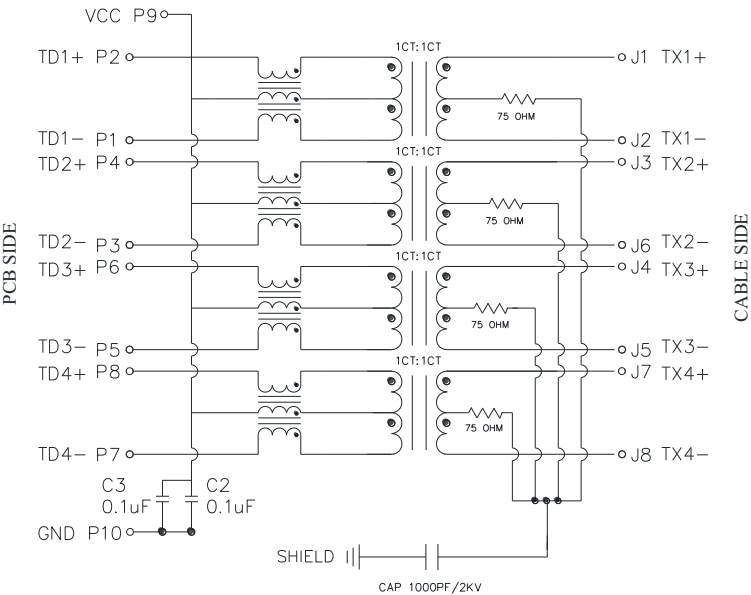
GOLD 06u"

FULL SPRING

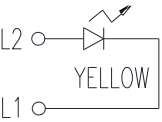
BLACK

DESCRIPTION: RJ45 1000 BASE-T 2X2 JACK WITH MAGNETIC MODULE

二、Schematics



LEFT LED



RIGHT LED

| Emitting Color | $\lambda_p$ (nm) | $V_f$ @ $I_f=20mA$ | $I_r$ @ $V_r=5V$ |
|----------------|------------------|--------------------|------------------|
| GREEN          | 570              | 1.7 ~2.6 V         | 10 $\mu$ A max   |
| YELLOW         | 590              | 1.7 ~2.6 V         | 10 $\mu$ A max   |

三、ELECTRICAL SPECIFICATIONS@25℃:

1. Turn Ratio( $\pm 5\%$ ): 1CT:1CT
2. Pri Inductance(100KHz/0.1V@8mA):350uH MIN.
3. DCR:1.2  $\Omega$  MAX
4. Insertion Loss(dB MAX):-1.0dB (1-100MHz), -1.2dB (100-125MHz)
5. Return Loss(dB MIN): -16dB(1-40MHz),-12dB(40-60MHz) ,-10dB(60-80MHz)  
-8dB(80-100MHz)
6. Cross talk(dB MIN):-30dB(1-100MHz)
7. CMR(dB MIN): -30dB(1-100MHz)
8. HI-POT(Pri to Sec): 2250VDC/0.5mA/2Sec
9. Operating Temperature: -40℃ TO +85℃
10. RoHS compliance:YES

RoHS Compliant

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.X  $\pm$   
.XX  $\pm$   
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## 四、Mechanicals

- 1.THE PRODUCT IS ROHS COMPLIANT.
- 2.ALL DIMENSIONS FOLLOW :
  - FCC SUBPART F, 68,500, FIGURE (C)(2)(I) & (C)(2)(II) & (C)(3)(I) IEC 60603-7
  - ALL PLUGS MUST BE MEETING THE REQUIREMENTS OF PLUG GO & NO-GO GAUGE.
- 3.GAUGE FOLLOW : FCC SUBPART F, 68,500, FIGURE (C)(4)(I) & (C)(5)(I)
  - THERE MUST BE NO DAMAGE TO HOUSING AND LOCKING LATCH.
  - THERE MUST BE NO NICKS AND CUTS IN CABLE.
  - DURABILITY : 750 CYCLES GENERALLY
- 4.PART CAN BE RECOMMENED FOR REFLOW SOLDERING PROCESS.
  - PEAK REFLOW SOLDERING TEMPERATURE IS 260° C MAX,10SECONDS MAX.
- 5.MATERIAL:
  - 5.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC LCP,  
FLAMMABILITY RATING ,UL 94V-0; COLOR:BLACK.
  - 5.2 SHELL: BRASS C2680, THICKNESS=0.20mm.PLATING NICKEL 30u"Min;
  - 5.3 RJ TERMINAL: HIGH TEMPERATURE THERMOPLASTIC LCP,COLOR:BLACK;  
PIN:THICKNESS=0.30mm.PHOS-BRONZE C5210.  
PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.  
100u" MIN TIN ON SOLDER TAIL.  
30u" GOLD ON CONTACT AREA.
  - 5.4 INPUT TERMINAL: HIGH TEMPERATURE THERMOPLASTIC LCP COLOR:BLACK;  
PHY PIN:THICKNESS=0.30mm. BRASS C2680.  
LED PIN:THICKNESS=0.45mm. BRASS C2680.  
PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.  
100u" MIN TIN ON SOLDER TAIL.
  - 5.5 LIGHT PIPE : PC, TRANSPARENT

## 五、Packaging

1. packaging unit : 35PCS/tray
2. outer carton unit: 210 pcs/6tray /box

**RoHS Compliant**

TOLERANCES ARE

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Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

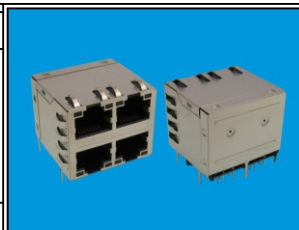
SCALE 1 : 1

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PPOJECTION 

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.X ±  
.XX ±  
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