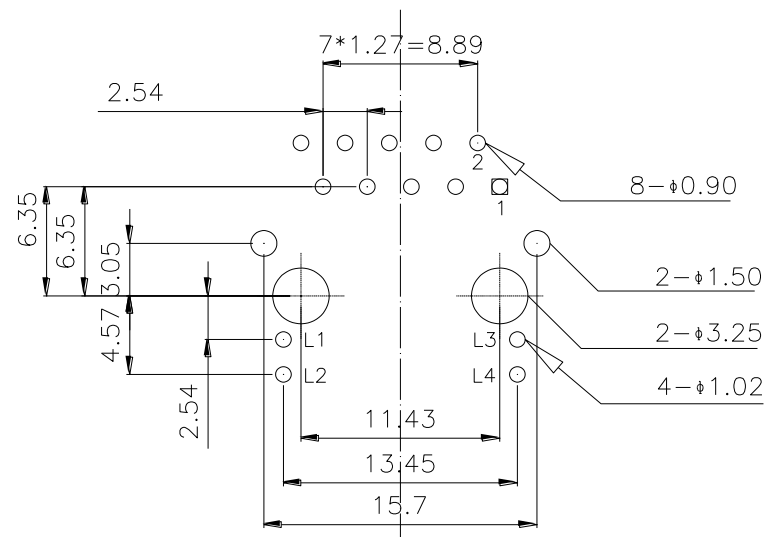
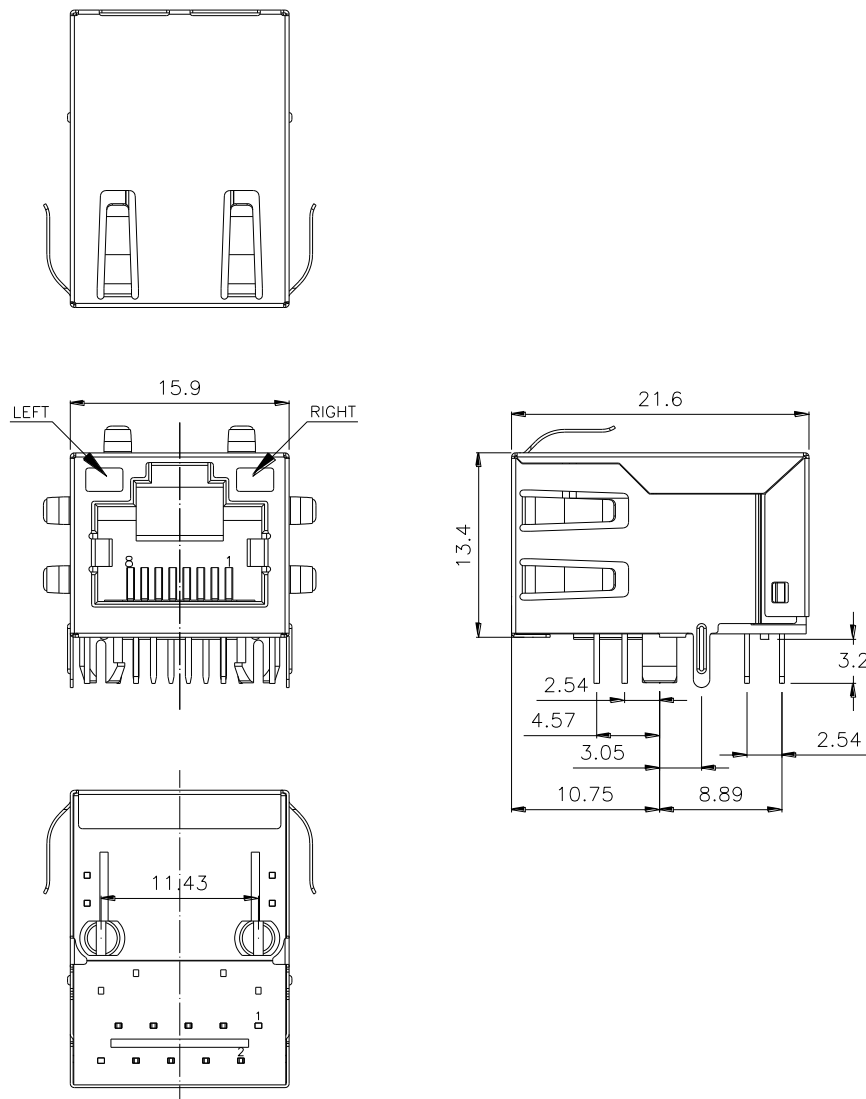


# 一、Mechanical Dimensions



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. ± 0.40

.X ± 0.30

.XX ± 0.25

.XXX ±

ANG ±

PPOJECTION

照片框

ORDER INFORMATION

MJF13P36UL-KF06B3YG24-0808

SERIES

8P8C

LEFT / RIGHT

YELLOW / GREEN

REAR TAB 3.05mm

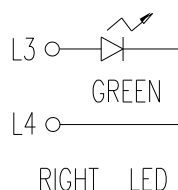
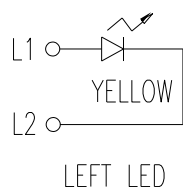
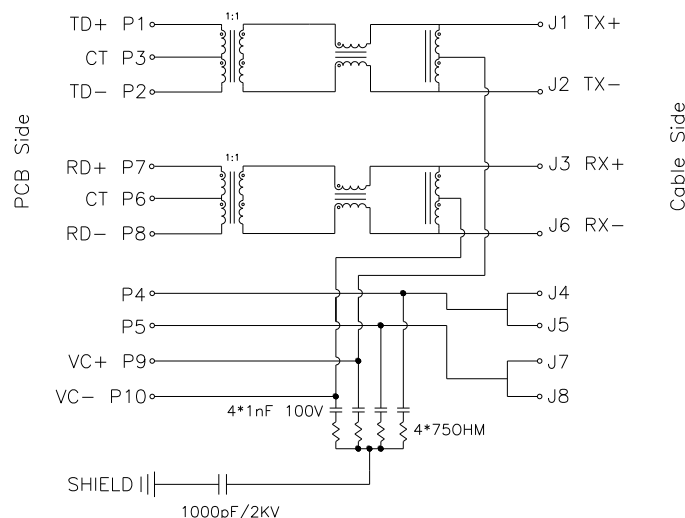
BLACK

06u" GOLD

FULL SPRING

DESCRIPTION: RJ-45 JACK MAGNETICS 10/100 BASE-T POE+ SINGLE PORT

## 二、Schematics



| 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°C:

1. Turn Ratio( $\pm 3\%$ ): 1CT:1CT
2. Inductance(100KHz/0.1V@8mA): 350uH MIN
3. Insertion Loss (dB MAX): -1.2dB(1-100MHz)
4. Return Loss(dB MIN): -18dB(1-30MHz),-16dB(30-60MHz),-12dB(60-80MHz),  
-10dB(80-100MHz)
5. Cross talk(dB MIN): -30dB(1-100MHz)
6. CMR (dB MIN): -30dB(1-100MHz)
7. DCR: 1.2 $\Omega$  MAX
8. HI-POT(Pri to Sec): 500Vac
9. Operating Temperature:-40°C TO +85°C
10. POE APPLICATIONS CURRENT CAPABILITY:720mA
11. RoHS compliance:YES

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FULL SPRING

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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,5 SECONDS MAX.
5. OPERATING TEMPERATURE:-40 TO +85° C;
6. STORAGE TEMPERATURE: -40 TO +85° C
7. MATERIAL:

7.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC PA46,

FLAMMABILITY RATING ,UL 94V-0; COLOR:BLACK.

7.2 SHELL: BRASS C2680, THICKNESS=0.20mm.PLATING NICKEL 30u"Min;

7.3 RJ TERMINAL: THERMOPLASTIC PA46,COLOR:BLACK;UL 94V-0;

RJ PIN:THICKNESS=0.30mm. PHOS-BRONZE C5210.

PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.

100u" MIN TIN ON SOLDER TAIL.

6u" GOLD ON CONTACT AREA.

THERMOPLASTIC PBT COLOR:BLACK;

PHY PIN:THICKNESS=0.30mm. BRASS C2680.

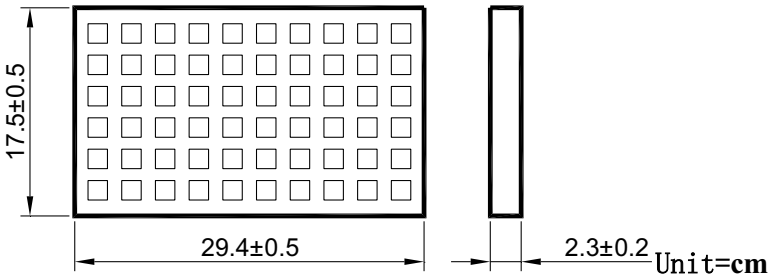
LED PIN:THICKNESS=0.45mm. BRASS C2680.

PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.

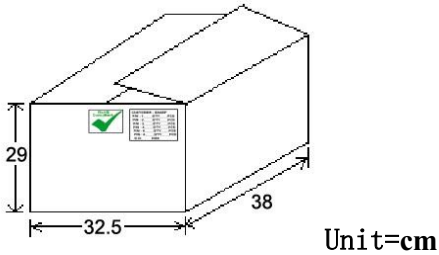
100u" MIN TIN ON SOLDER TAIL.

五、Packaging

1. packaging unit : 60 PCS/tray
2. packaging material : PET



3. outer carton unit: 1320 pcs/ 22 Trays/box
4. Weight: 11.50kg per carton; 6.24g/pcs



RoHS Compliant



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