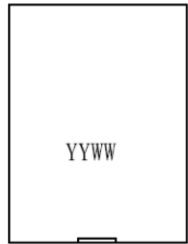
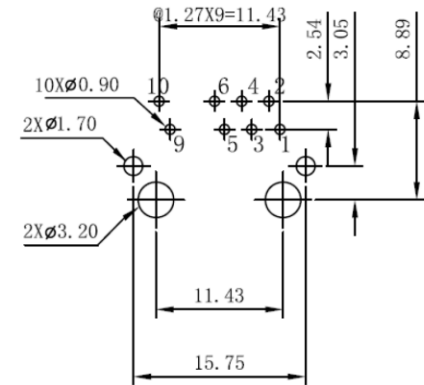
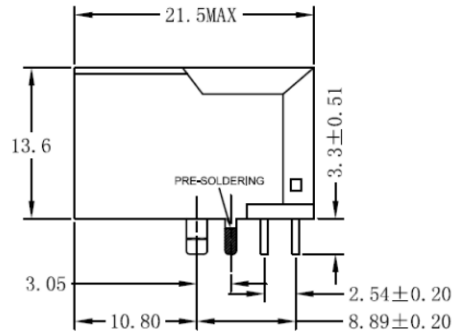
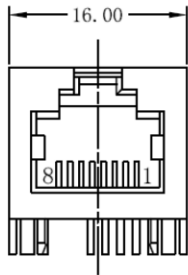


# 一、Mechanical Dimensions



YY:Year WW:Week



PC Board Layout  
Component Side Shown

Unit : mm Unless otherwise specified, all tolerances are  $\pm 0.25$

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

X. ±

CHECKED BY GENIUS

.X ±

UNIT / mm

SCALE 1 : 1

.XX ±

DATE

.XXX ±

ANG ±

SIZE A4

PPOJECTION

照片框

ORDER INFORMATION

MJF13P25U-KX06B3-1008-LF

SERIES

LEADFREE

10P8C

REAR TAB 3.05mm

06u" GOLD

NON SPRING

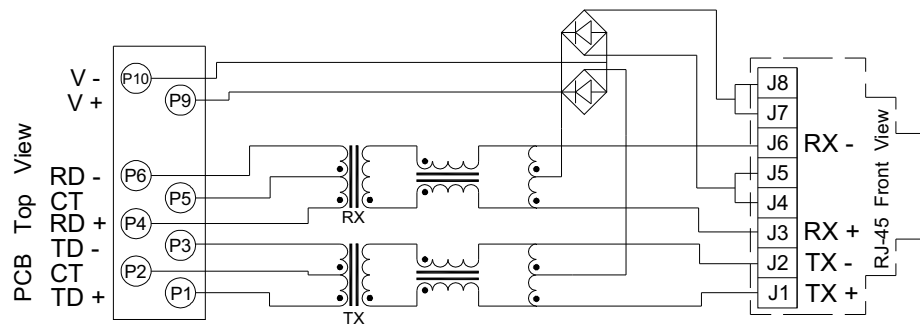
BLACK

煜倫股份有限公司

www.morethanall.com

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

## 二、Schematics



## 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),-13.5dB(30-45MHz), -12dB(45-60MHz)  
-10dB(60-80MHz)
5. Cross talk(dB MIN):-30dB(1-100MHz)
6. CMR (dB MIN):-30dB(1-100MHz)
7. HI-POT(Pri to Sec):1500VAC/0.5mA/60Sec
8. Operating Temperature: -40°C TO + 85°C
9. RoHS compliance:YES
10. POE applications current capability: 350mA

RoHS Compliant

TOLERANCES ARE

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PCB CONNECTORS  
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X.  $\pm$   
.X  $\pm$   
.XX  $\pm$   
.XXX  $\pm$   
ANG  $\pm$

照片框

ORDER INFORMATION

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SERIES

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REAR TAB 3.05mm  
06u" GOLD  
NON SPRING  
BLACK

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

## 四、Mechanicals

### Housing Material:

MATERIAL:NYLON 66 UL94V-0 STANDARD COLOR:BLACK

### Insert Material:

MATERIAL:Phos-Bronze C5210 EH---0.35mm Thickness

Insert -PBT GF UL94V-0

1.PLATING(1) NICKEL

2.PLATING(2) 100%Sn

3.PLATING(3) GOLD (3u " ~50u " )

### Plate Material:

PBT GF UL 94V-0

### Contact pin Material:

MATERIAL: Phos-Bronze C5191---0.35mm Thickness

1.PLATING(1) NICKEL

2.PLATING(2) 100%Sn

### Shielding Material:

BRASS C2680 PLATING NICKEL

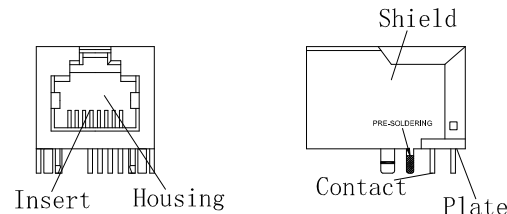
Operating Life:750 Cycles MIN.

## 五、Environmental

1.Storage Temp:-40℃TO +85℃.

2.Operating Temp: -40℃TO +85℃.

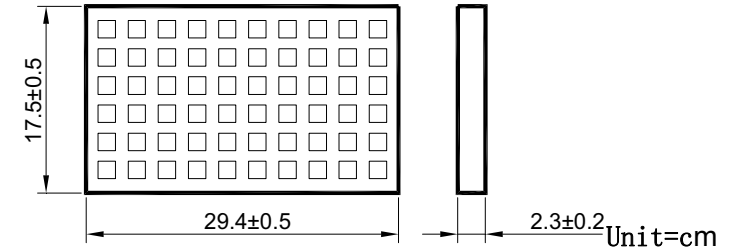
3. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,SUBPART F.



## 六、Packaging

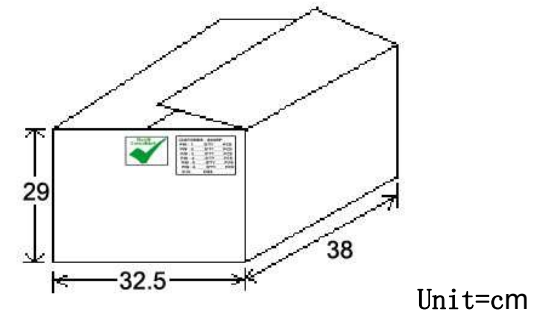
1. packaging unit : 60 PCS/tray

2. packaging material : PET



3. outer carton unit : 1320 pcs/ 22 Trays/box

4. Weight: 11.50kg percarton



**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

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**RoHS Compliant**

TOLERANCES ARE

DRAWING BY CY

X.±

CHECKED BY GENIUS

.X±

UNIT / mm

SCALE 1 : 1

.XX±

DATE

.XXX±

ANG±

SIZE A4

PPOJECTION

照片框

**ORDER INFORMATION**

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SERIES

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