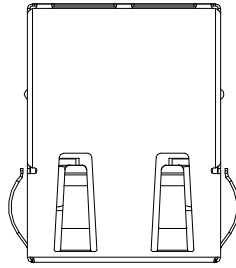
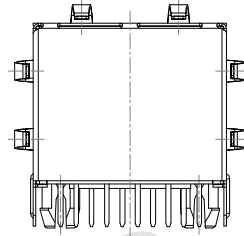


Mechanical

| REV. | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|------|-------------|-------|---------|----------|
| A | NEW RELEASE | | ~ | |



TOP



BACK

Material:

Insulator Material: PBT+30%GF(Glass Filled), UL94V-0, Black
 Shield: 0.20mm Thickness Copper Alloy, Nickel Plated

Contact Material: Phosphor Bronze 0.35mm

Gold Plating: Selective Gold Plating Over Nickel: 3u", 6u", 15u", 30u"

Mechanical:

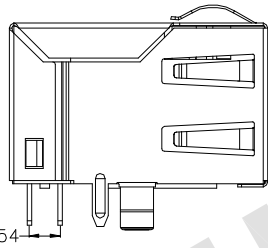
Durability: 750 Cycles Min

Matting Force: 22N Max

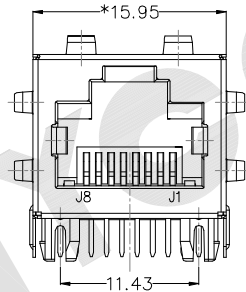
Environmental:

Storage Temperature : -40°C to +85°C

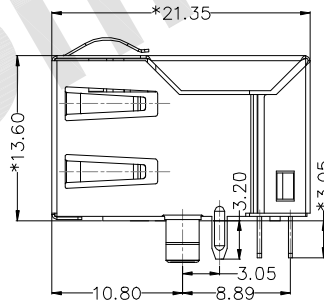
Operation Temperature: -40°C to +85°C



LEFT

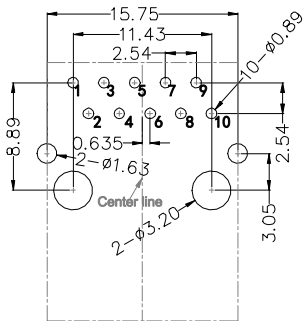


FRONT

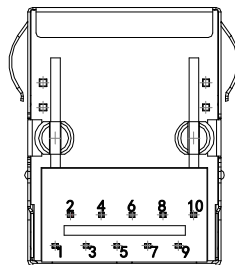


RIGHT

2.54



RECOMMENDED PCB LAYOUT



BOTTOM

MJT12 - G8 066 X X X X X X

| Shield | No. of Ports | LED Color | Plastic Peg | Insulator | Gold Plating |
|--------------------|--------------|-------------|-------------|-----------|--------------|
| 0 - w/o Shield | 1 - 1X1 | 0 - w/o LED | 1 - Split | 1 - PBT | 1 - Fμ" |
| 1 - Shield w/o EMI | 2 - 1X2 | 1 - Y/G | 2 - Cross | 2 - PA66 | 2 - 3μ" |
| 2 - Shield w/ EMI | 4 - 1X4 | 2 - G/Y | | 3 - PA46 | 3 - 6μ" |
| 3 - Half Shield | 6 - 1X6 | 3 - G/G | | 4 - LCP | 4 - 15μ" |
| | 8 - 1X8 | 4 - Y/Y | | | 5 - 30μ" |
| | | 5 - Special | | | 6 - 50μ" |

| GENERAL TOLERANCE | ANGLE TOLERANCE |
|-------------------|-----------------|
| X. ±0.35 | X. ±3.0° |
| .X ±0.30 | .X ±2.0° |
| .XX ±0.25 | .XX ±1.5° |
| .XXX ±0.10 | .XX ±1.0° |

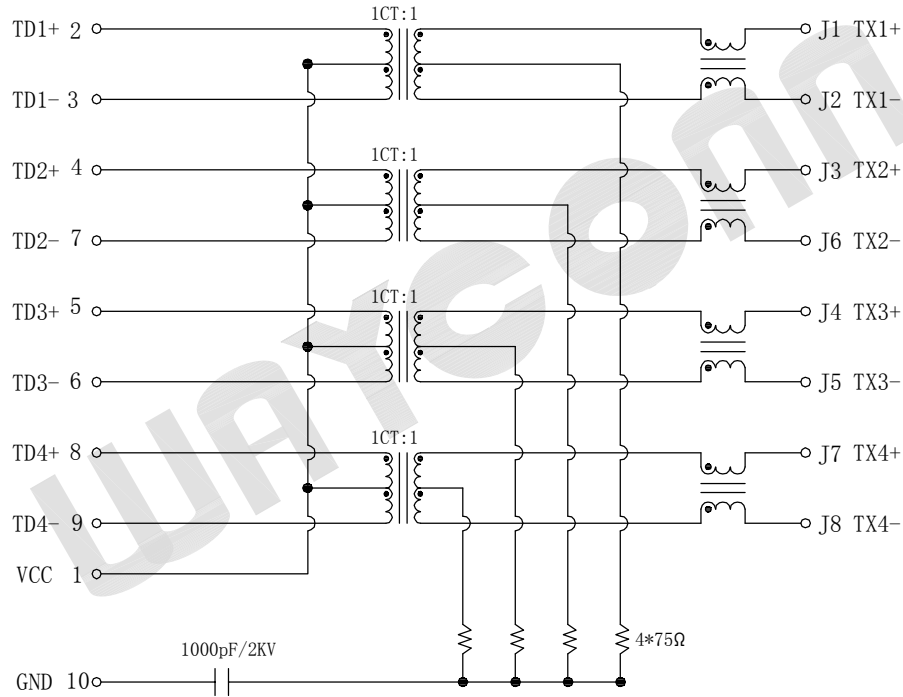
| PROJECTION | TITLE |
|------------|------------------------------|
| UNITS | RJ45 MAGJACK, TAB-UP |
| SHEET SIZE | 1000BASE, SHIELDED W/ EMI |
| | PART NO. MJT12 - G80662101XX |

| DRAWING TYPE | CUSTOMER |
|--------------|------------------|
| SCALE | 1:1 SHEET 2 OF 2 |
| SERIES | MJT12 SERIES |

WAYCONN CO.,LTD

Schematics

| REV. | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|------|-------------|-------|---------|----------|
| A | NEW RELEASE | | ~ | |



ELECTRICAL SPECIFICATIONS AT 25°C

| Turns Ratio (±2%) | | Insertion Loss (dB max) | Return Loss (dB max) | | | | Crosstalk (dB TYP) | | | Common Mode Rejection (dB TYP) | Hipot (vrms) |
|----------------------|-------------|-------------------------------|-------------------------|--------------|--------------|---------------|-----------------------|--------------|---------------|--------------------------------------|-----------------|
| TX | RX | | 1~10 MHz | 10~30 MHz | 30~60 MHz | 60~100 MHz | 1~30 MHz | 30~60 MHz | 60~100 MHz | | |
| 1CT: 1CT | 1CT: 1CT | -1.0 | -20 | -16 | -12 | -10 | -40 | -35 | -30 | -30 | 1500 |

- OCL: 350uH minimum with 8mA current;

| GENERAL TOLERANCE | | ANGLE TOLERANCE | |
|-------------------|-------|-----------------|-------|
| X. | ±0.35 | X. | ±3.0° |
| .X | ±0.30 | .X | ±2.0° |
| .XX | ±0.25 | .XX | ±1.5° |
| .XXX | ±0.10 | .XX | ±1.0° |

| | | | |
|------------|----|----------|---------------------------|
| PROJECTION | | TITLE | RJ45 MAGJACK, TAB-UP |
| UNITS | mm | | 1000BASE, SHIELDED W/ EMI |
| SHEET SIZE | A4 | PART NO. | MJT12 - G80662101XX |

| | | | |
|--------------|--------------|-------|--------|
| DRAWING TYPE | CUSTOMER | | |
| SCALE | 1:1 | SHEET | 2 OF 2 |
| SERIES | MJT12 SERIES | | |

WAYCONN CO.,LTD