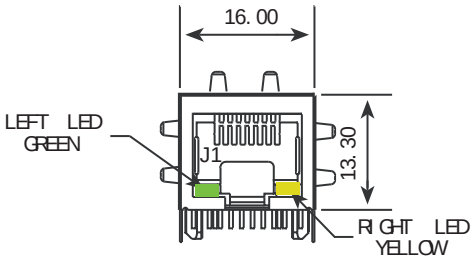
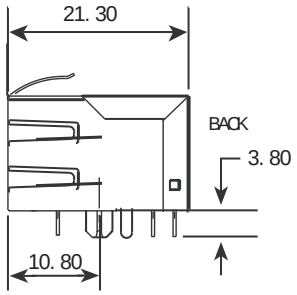
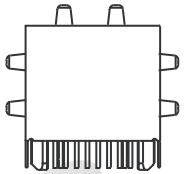
# Mechanical

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

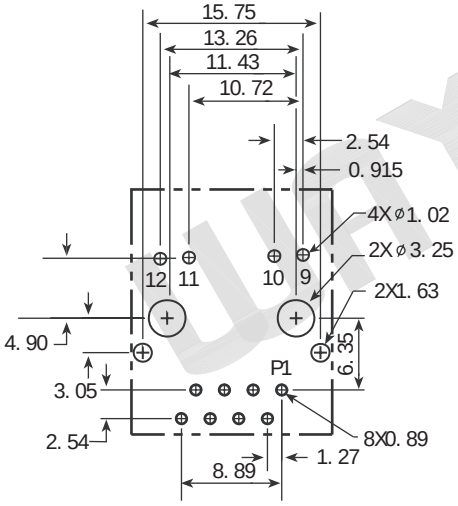


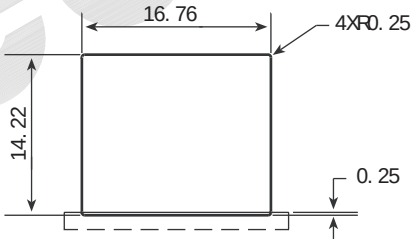

SIDE VIEW



FRONT VIEW




PCB Component side




TOP PCB TO BOTTOM OF OPENING

**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

MJT59 - B4 012 X X X X X

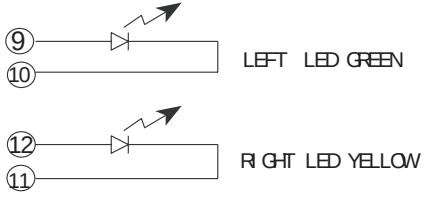
Shield
- 0 - w/o Shield
- 1 - Shield w/o EMI
- 2 - Shield w/ EMI
- 3 - Half Shield

No. of Ports
- 1 - 1x1
- 2 - 1x2
- 4 - 1x4
- 5 - 1x5
- 6 - 1x6
- 8 - 1x8

LED Color
- 0 - w/o LED
- 1 - Y/G
- 2 - G/Y
- 3 - G/G
- 4 - Y/Y
- 5 - Bi-Color
- 5 - Single LED

Insulator Material
- 1 - PBT
- 2 - PA66
- 3 - PA46

Gold Plating
- 1 - G/Fμ"
- 2 - 3μ"
- 3 - 6μ"
- 4 - 15μ"
- 5 - 30μ"
- 6 - 50μ"




| GENERAL TOLERANCE | |
|---|---|
| .X | ±0.30 |
| .XX | ±0.20 |
| .XXX | ±0.13 |

| | | | |
|---|---|---|---|
| DRAWING TYPE | CUSTOMER | | |
| SCALE | 1:1 | SHEET | 1 OF 2 |
| DRAWING NO. | MJT59 - B4012XXXXX | | |

| | | | |
|---|---|---|---|
| PROJECTION | | TITLE | Tab Down RJ45 with Magnetics, LED: G/Y, 10/100Base-T, w/ EMI |
| UNITS | mm | | |
| SHEET SIZE | A4 | SERIES | MJT59 SERIES |

**WAYCONN CO.,LTD**

WAYCONN

# Schematics

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|---|---|---|---|---|
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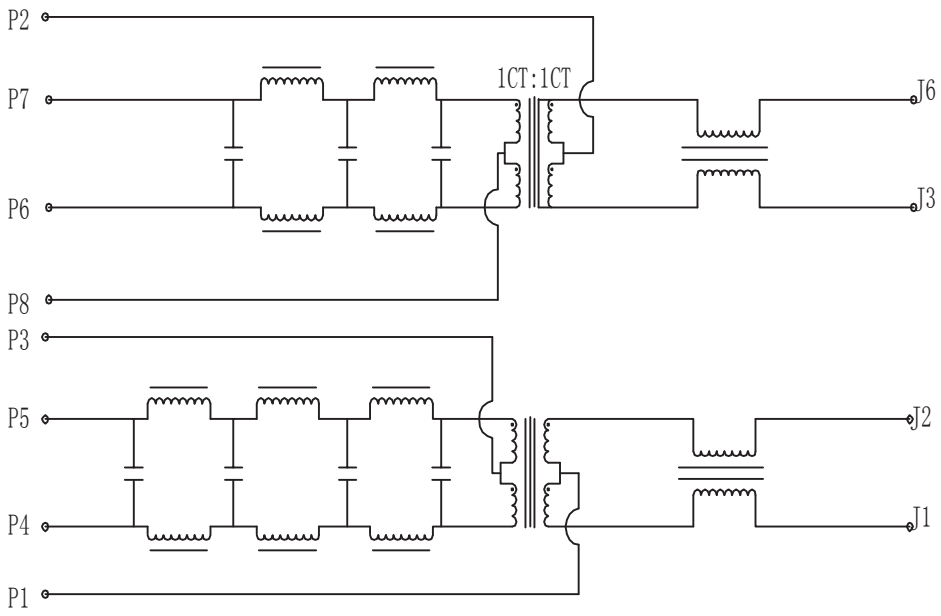


**ELECTRICAL SPECIFICATIONS@25℃**

1. Turn Ratio 1CT:1CT+/-3%
2. Hi-Pot 1500v AC 6S 1mA
3. OCL 350uH MIN @ 100KHZ 100mV 8mA DC
4. Insertion Loss (dB max):
   1 ~ 100MHZ: -1.0
5. Return Loss (dB min):
   1 ~ 30MHZ: -16.0 30 ~ 60MHZ: -14.0
   60 ~ 80MHZ: -10.0
6. Crosstalk (dB TYP)
   1 ~ 30MHZ: -40.0 30 ~ 60MHZ: -35.0
   60-80MHZ: -30.0
7. CMR(dB TYP)
   1M ~ 100MHZ: -35.0

RoHS 最新标准

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|---|---|
| .X | ±0.30 |
| .XX | ±0.20 |
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| | | | |
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