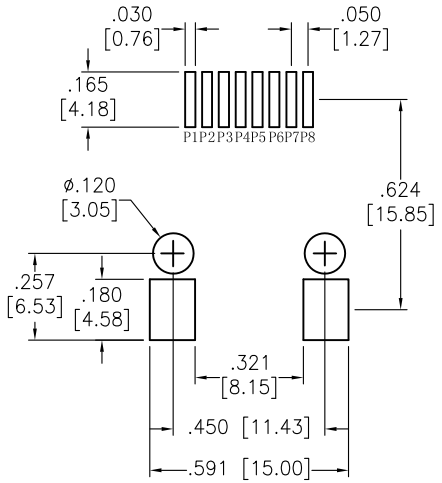
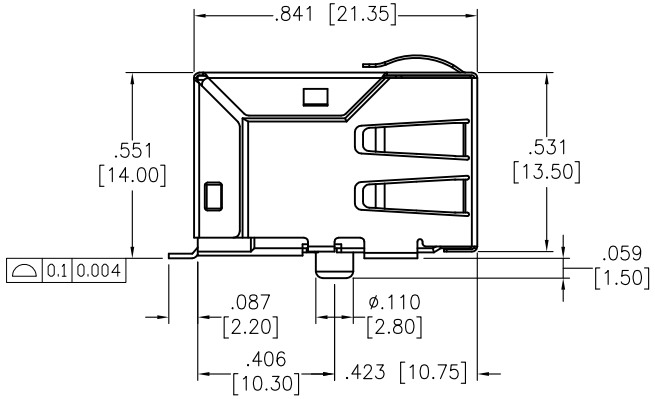
APPROVED: _____

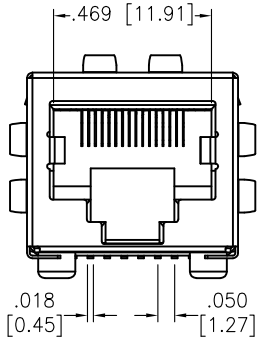
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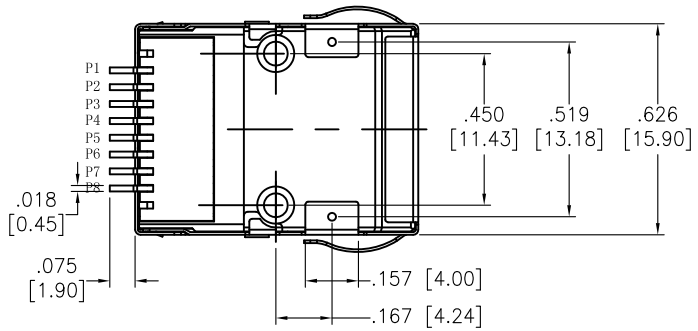
| Rev | AWO # | Description | Date | Appr |
|---|---|---|---|---|
| - | | RELEASED | 4/16/18 | |
| A | | UPDATED DRAWING | 1/2/19 | HR/YC |




RECOMMENDED PCB LAYOUT




SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Shield: Brass, Nickel plated

Plating:

Round contact

Gold over Nickel underplate overall

Flat contact

Gold over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 150 VAC

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1,500VAC or 2,250VDC

Temperature Rating:

Operating temperature: -0°C to +70°C

Environmental:

Lead free, RoHS compliant.

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

| INCHES | | HOLES | |
|---|---|---|---|
| .X | ± .10 | Ø.X | ±.10 |
| .XX | ± .020 | Ø.XX | ±.015 |
| .XXX | ± .015 | Ø.XXX | ±.010 |

| APPROVALS | | DATE |
|---|---|---|
| DRAWN | HR | 4/16/18 |
| CHECKED | YC | 4/16/18 |
| APPROVED | | |


ADAM TECH INTERCONNECTS
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710


TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C SURFACE MOUNT

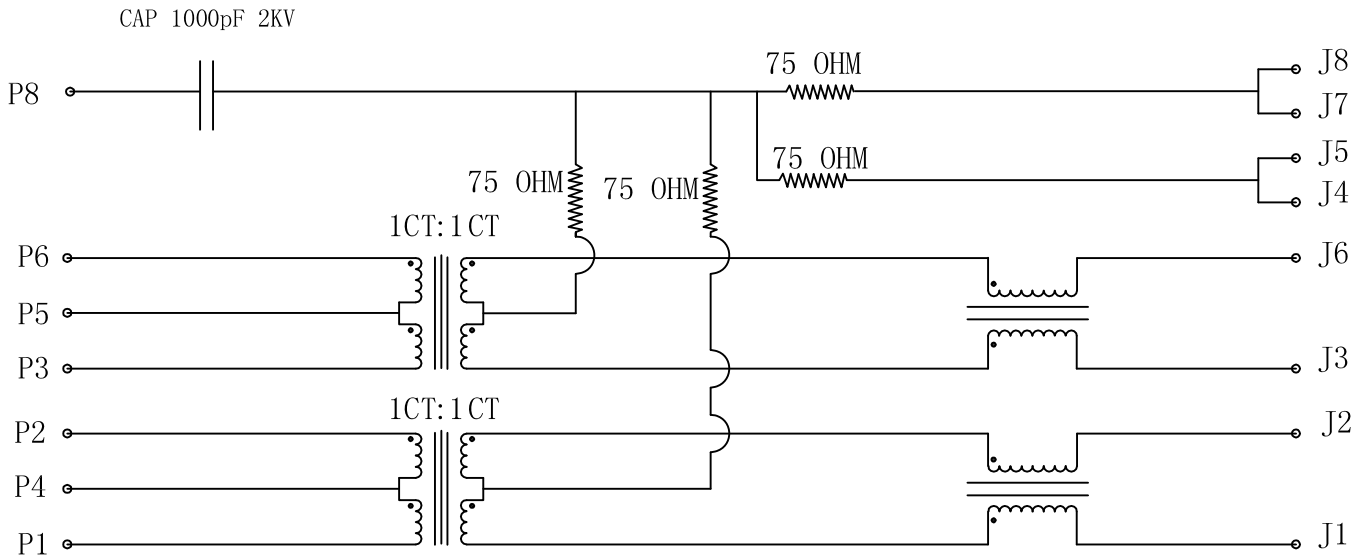
| SIZE | PART NO. | REV. |
|---|---|---|
| X | MTJ-88TX1-FS-PG-M4C-SMT | A |

REF: S00005C | SCALE: NTS | SHEET 1 OF 2

| Rev | AWO # | Description | Date | Appr |
|---|---|---|---|---|
| SEE SHT 1 OF 2 FOR REVISION | | | | |

APPROVED: _____

DATE: _____ TITLE: _____




Electronical Specifications:

1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
   (P3~P6):(J3~J6) = 1:1±5%
2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
3. DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
4. Insertion Loss: 1-100MHz -1.2dB MAX
5. Return Loss: 1-30MHz -16dB MIN
   30-60MHz -12dB MIN
   60-80MHz -10dB MIN
6. CROSS TALK: 1-100MHz -30dB MIN
7. COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
8. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

| INCHES | | HOLES | |
|---|---|---|---|
| .X | ± .10 | Ø.X | ±.10 |
| .XX | ± .020 | Ø.XX | ±.015 |
| .XXX | ± .015 | Ø.XXX | ±.010 |

| APPROVALS | | DATE |
|---|---|---|
| DRAWN | HR | 4/16/18 |
| CHECKED | YC | 4/16/18 |
| APPROVED | | |


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| SIZE | PART NO. | REV. |
|---|---|---|
| X | MTJ-88TX1-FS-PG-M4C-SMT | A |

REF: S00005C | SCALE: NTS | SHEET 2 OF 2