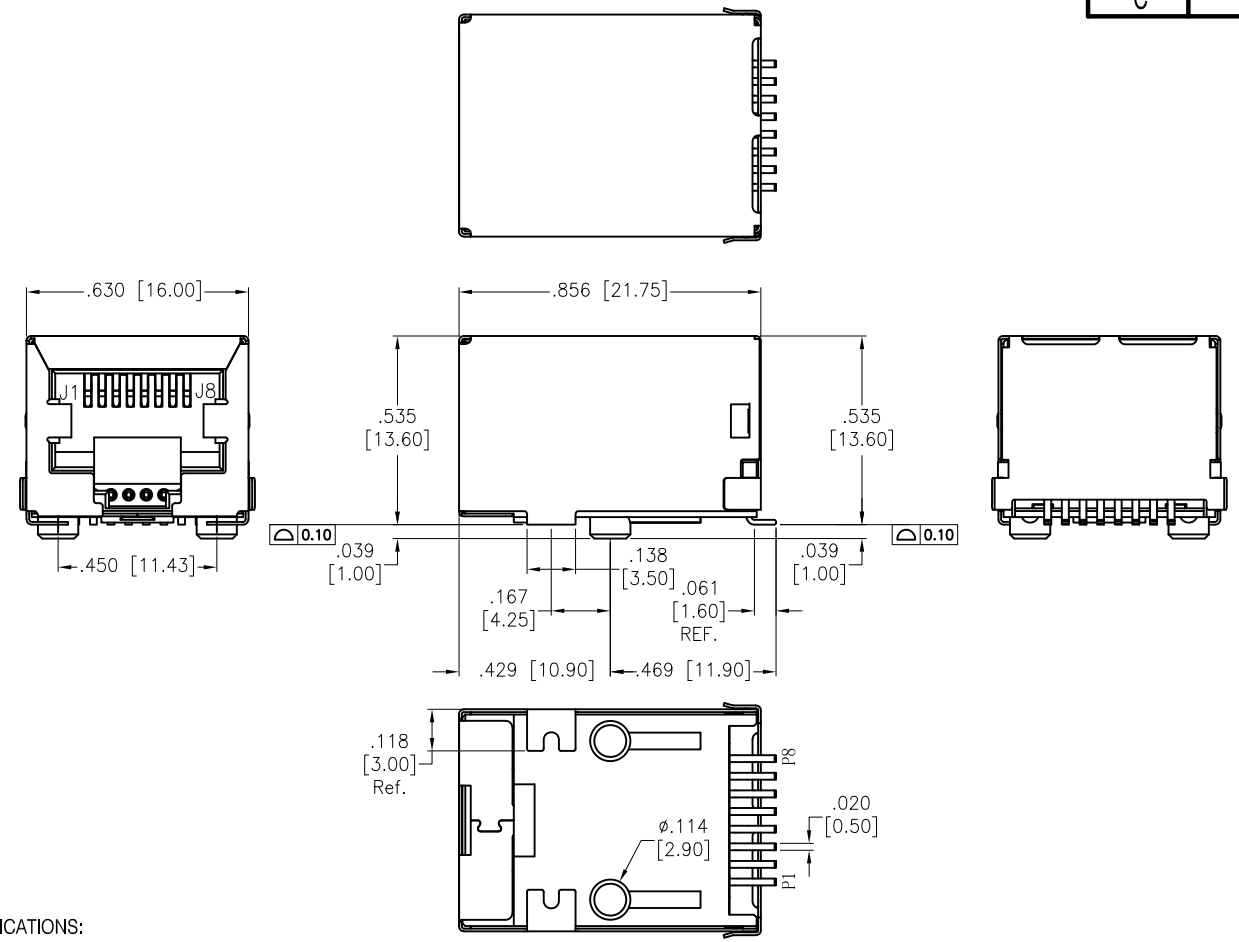
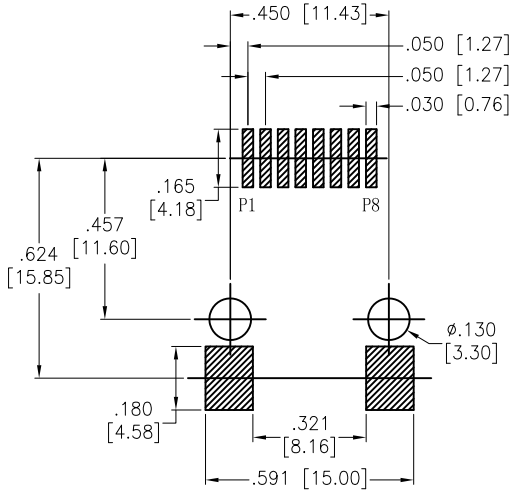
APPROVED: _____

DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|---|---|---|---|---|
| - | | RELEASED | 1/24/14 | |
| A | | REDRAWN | 3/25/15 | AY/AC |
| B | | UPDATED DRAWING | 4/13/15 | HR/AC |
| C | | ADDED DIM. | 06/16/16 | TW/GD |




RECOMMENDED PCB LAYOUT
(TOP VIEW)

SPECIFICATIONS:
Material:
Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Phosphor Bronze
Shield: Copper Alloy, Nickel plated
Contact Plating:
Gold Flash over Nickel underplate on contact area,
Tin over Nickel underplate on tails
(See chart for thickness).
Electrical:
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1,000 Vrms for 1 minut
Temperature Rating:
Operating temperature: -0°C to +70°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

| X | PLATING |
|---|---|
| 0 | 15 µin Gold |
| 1 | 30 µin Gold |
| 2 | 50 µin Gold |
| 6 | 6 µin Gold |

PACKAGED ON TAPE & REEL

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 | AY | 1/24/14 |
| CHECKED | LL | 1/24/14 |
| APPROVED | | |


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


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

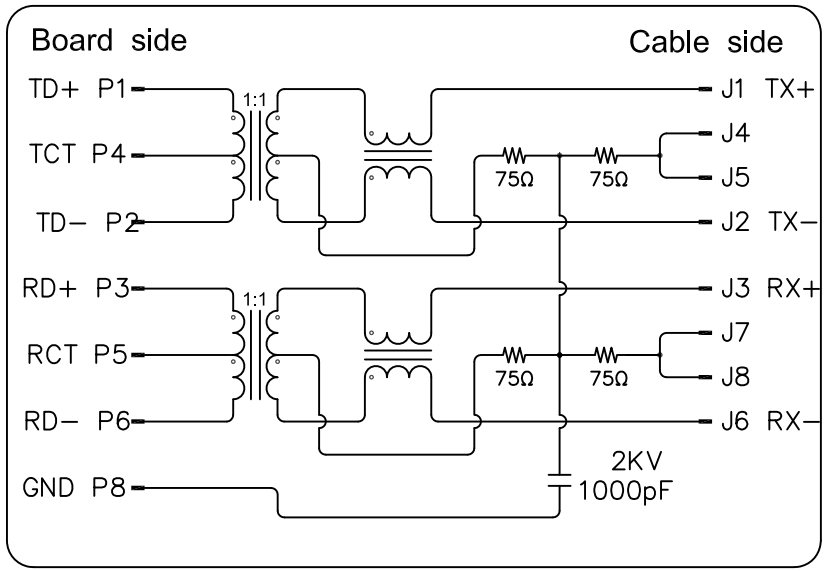
| SIZE | PART NO. | REV. |
|---|---|---|
| X | MTJ-88TX1-FS-M4T-SMT-T/R | C |

REF: S00101C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____




## ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
   - 1~100 MHZ −1.0dB MAX.

2. RETURN LOSS(LOAD 100Ω) :
   - 1~30 MHZ −18dB MIN
   - 30~60 MHZ −16dB MIN
   - 60~80 MHZ −10dB MIN

3. COMMON MODE REJECTION
   - 1~100 MHZ −30dB MIN

4. CROSS TALK
   - 1~100 MHZ −30dB MIN

5. INDUCTANCE @ 100KHZ, 0.1V, 8MA DC BIAS
   - (P1−P2),(P3−P6) : 350 uH MIN

6. DCR
   - (J1−J2),(J3−J6) : 1.2 Ohm MAX

7. HI−POT TEST
   - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S

8. TURNS RATION 100KHZ
   - (P1−P2) : (J1−J2) = 1:1 ±%5
   - (P3−P6) : (J3−J6) = 1:1 ±%5

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 | AY | 1/24/14 |
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| SIZE | PART NO. | REV. |
|---|---|---|
| X | MTJ-88TX1-FS-M4T-SMT-T/R | C |

REF: S00101C | SCALE: NTS | SHEET 2 OF 2