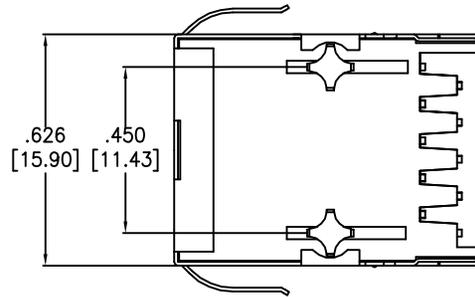
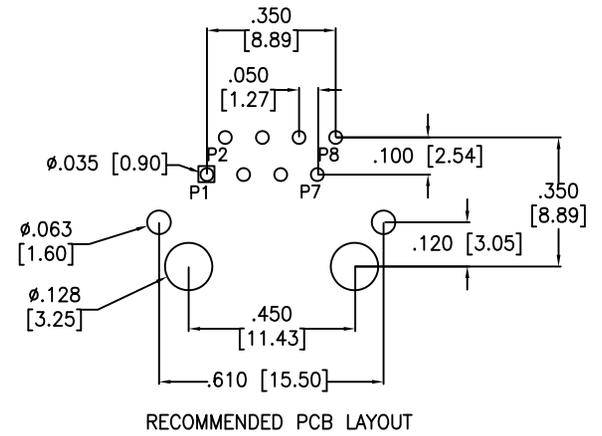
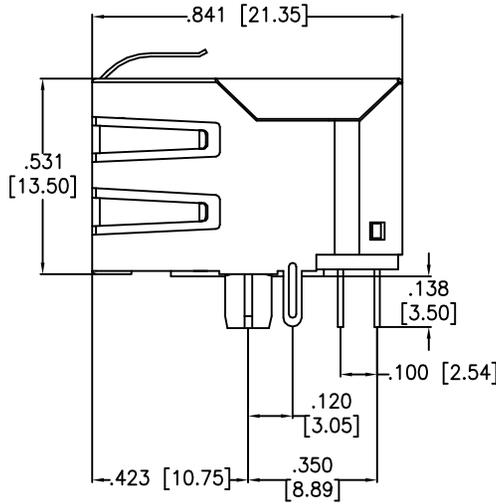
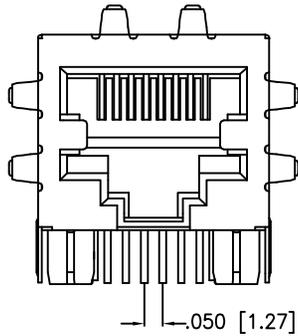


APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|---------------|---------|------|
| - | | RELEASED | 4/09/08 | |
| A | | REVISED SPEC. | 1/14/11 | |



SPECIFICATIONS:

Material:
 Insulator: PBT, glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Copper Alloy, 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
 (See chart for thickness)

| X | PLATING |
|---|-----------------|
| 0 | 15 μ m Gold |
| 1 | 30 μ m Gold |
| 2 | 50 μ m Gold |

Electrical:
 Operating voltage: 150 VAC max
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500 VAC for 1 minute
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.



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

| | |
|-----------------|------------------------|
| .X \pm .10 | ϕ .X \pm .10 |
| .XX \pm .020 | ϕ .XX \pm .015 |
| .XXX \pm .015 | ϕ .XXX \pm .010 |



| APPROVALS | | DATE |
|-----------|----|---------|
| DRAWN | DY | 4/09/08 |
| CHECKED | | |
| APPROVED | | |

| | | |
|-----------------------------------|---------------------|--------------|
| TITLE | | |
| MODULAR JACK GANGED, 1 PORT, 8P8C | | |
| SIZE | PART NO. | REV. |
| X | MTJ-88TX1-FSD-PG-M4 | A |
| REF: S00005C | SCALE: NTS | SHEET 1 OF 2 |

6

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4

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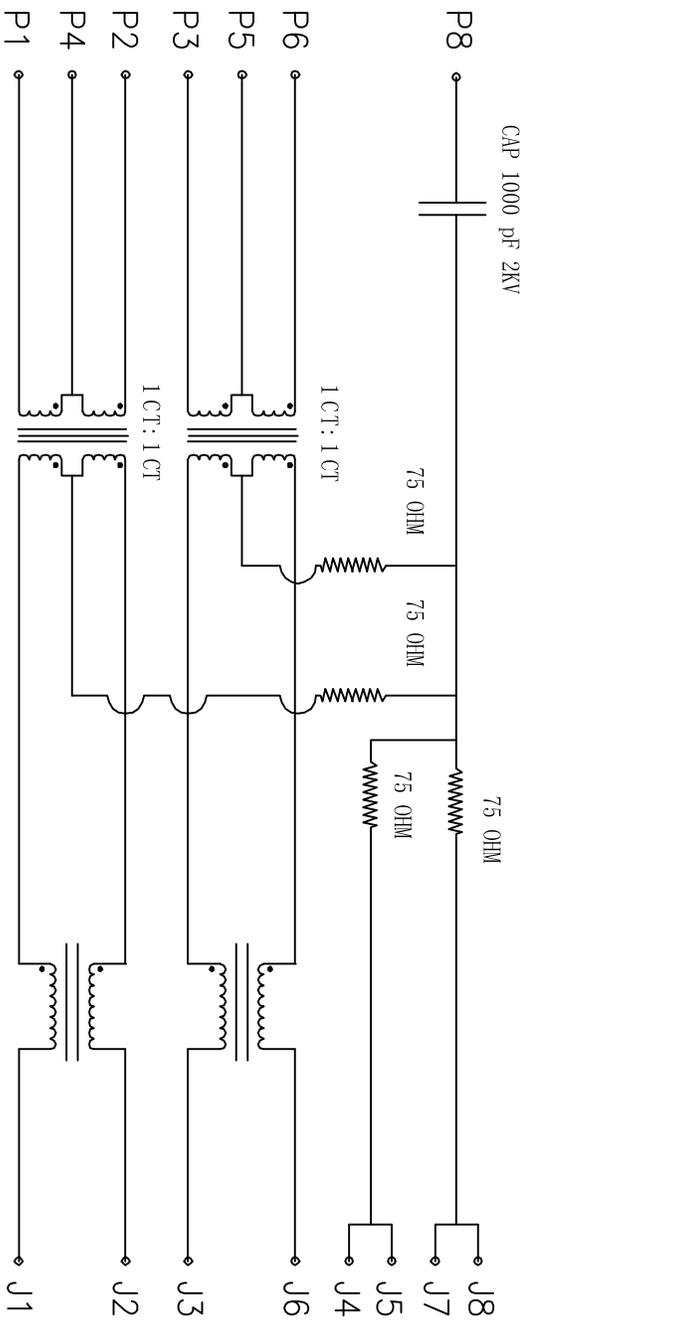
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| Rev | AWO # | Description | Date | Appr |
|-----|-------|-----------------------------|------|------|
| | | SEE SHT 1 OF 2 FOR REVISION | | |

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS:

- Turns Ratio: (P1 ~ P2) : (J1 ~ J2) 1:1 ±3%
(P3 ~ P6) : (J3 ~ J6) 1:1 ±3%
- Inductance: (P1 ~ P2) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
(P3 ~ P6) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
- Leakage Inductance: P1 ~ P2 (with J1 and J2 Short): 0.35uH Max. @ 1 MHZ
P3 ~ P6 (with J3 and J6 Short): 0.35uH Max. @ 1 MHZ
- Interwinding Capacitance: (P1 ~ P2) : (J1 ~ J2): 35pf max. @ 1MHZ
(P3 ~ P6) : (J3 ~ J6): 35pf max @ 1MHZ
- DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
- Return Loss: 1MHZ to 30MHZ: -18dB MIN
30MHZ to 60MHZ: -(18-20log(f/30))dB MIN (WHERE f IS IN MHZ)
60MHZ to 80MHZ: -12dB MIN
- Dielectric Withstanding: (P1~P2) : (J1~J2) : (P3~P6) : (J3~J6) : 1500VAC or 2250VDC
- Insertion Loss: 100KHZ TO 100MHZ : -1.2dB MAX.
- Cross Talk: 1MHZ to 100MHZ: -35dB Typ.
- Common to Common mode Attenuation: 30MHZ TO 100MHZ: -30dB Typ.



MODULAR JACK GANGED, 1 PORT, 8P8C

| | |
|---------------------------------------------------------------------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED | |
| INCHES | HILES |
| .X ± .10 | Ø.X ± .10 |
| .XX ± .020 | Ø.XX ± .015 |
| .XXX ± .015 | Ø.XXX ± .010 |
| APPROVALS | |
| DRAWN | DATE |
| CHECKED | |
| APPROVED | |

| | | |
|-------------|---------------------|--------------|
| SIZE | PART NO. | REV. |
| X | MTJ-88TX1-FSD-PG-M4 | A |
| REF: S0008C | SCALE: NTS | SHEET 2 OF 2 |

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