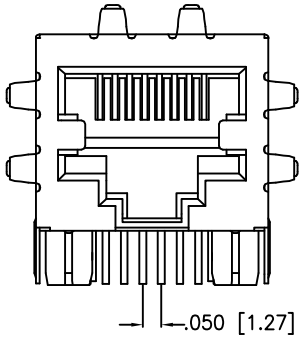
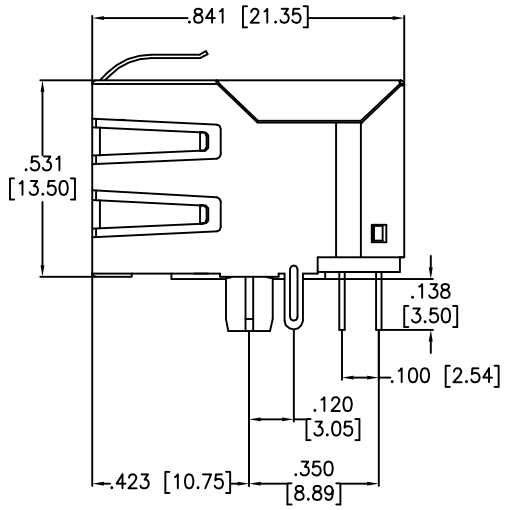
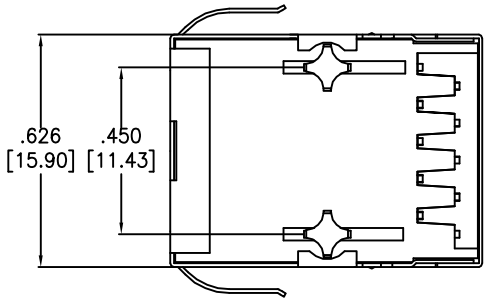
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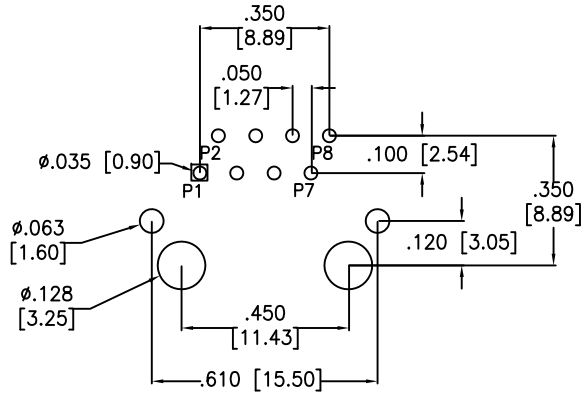
DATE: _____ TITLE: _____

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









RECOMMENDED PCB LAYOUT

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)

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.

X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold

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	DY	4/09/08
CHECKED		
APPROVED		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

TITLE

MODULAR JACK GANGED, 1 PORT, 8P8C

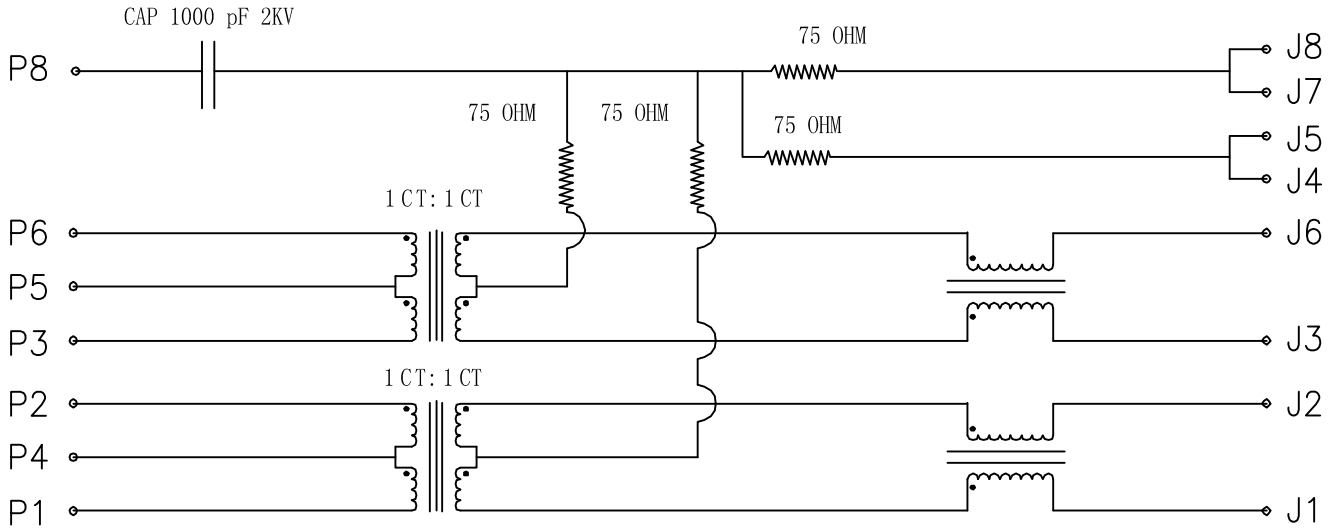
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-M4	A

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

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

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS:

1. Turns Ratio: (P1 ~ P2) : (J1 ~ J2) 1:1 ±3%
   (P3 ~ P6) : (J3 ~ J6) 1:1 ±3%
2. Inductance: (P1 ~ P2) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
   (P3 ~ P6) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
3. 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
4. Interwinding Capacitance: (P1 ~ P2) : (J1 ~ J2): 35pF max. @ 1MHZ
   (P3 ~ P6) : (J3 ~ J6): 35pF max @ 1MHZ
5. DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
6. 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
7. Dielectric Withstanding: (P1~P2) : (J1~J2) : (P3~P6) : (J3~J6) :1500VAC or 2250VDC
8. Insertion Loss: 100KHZ TO 100MHZ : −1.2dB MAX.
9. Cross Talk: 1MHZ to 100MHZ: −35dB Typ.
10. Common to Common mode Attenuation: 30MHZ TO 100MHZ: −30dB Typ.

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	DY	4/09/08
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TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-M4	A

REF: S00005C	SCALE: NTS	SHEET 2 OF 2