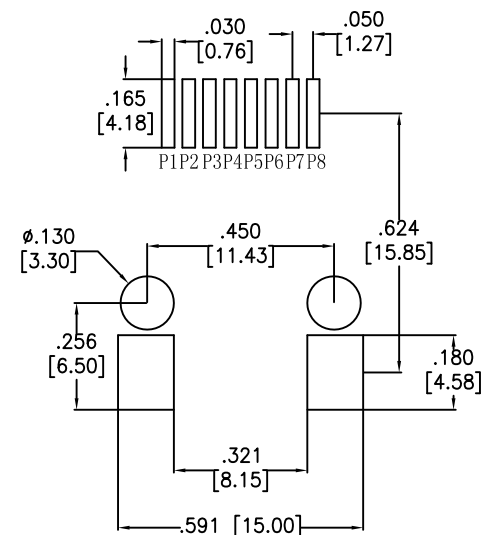
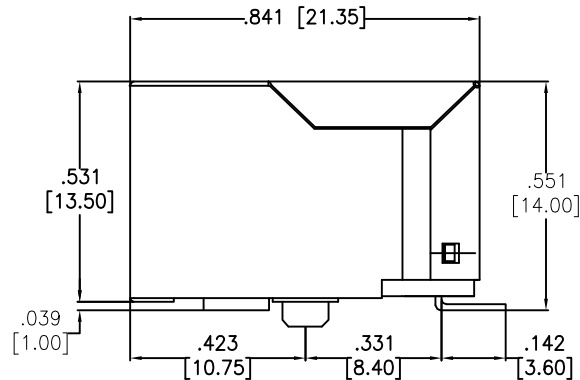
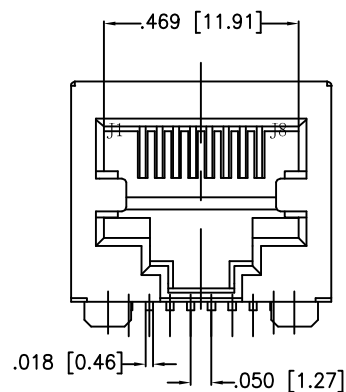


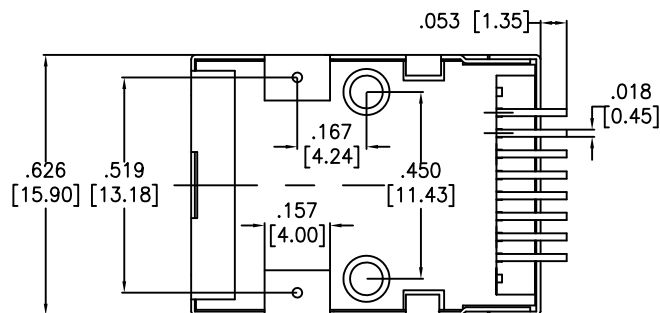
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-	11109	RELEASED	2/22/11	
A	11109	REVISED SPEC.	7/13/11	
B	11109	REVISED SHAPE	01/09/13	



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)



SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, 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

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



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	2/22/11
CHECKED		
APPROVED		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

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

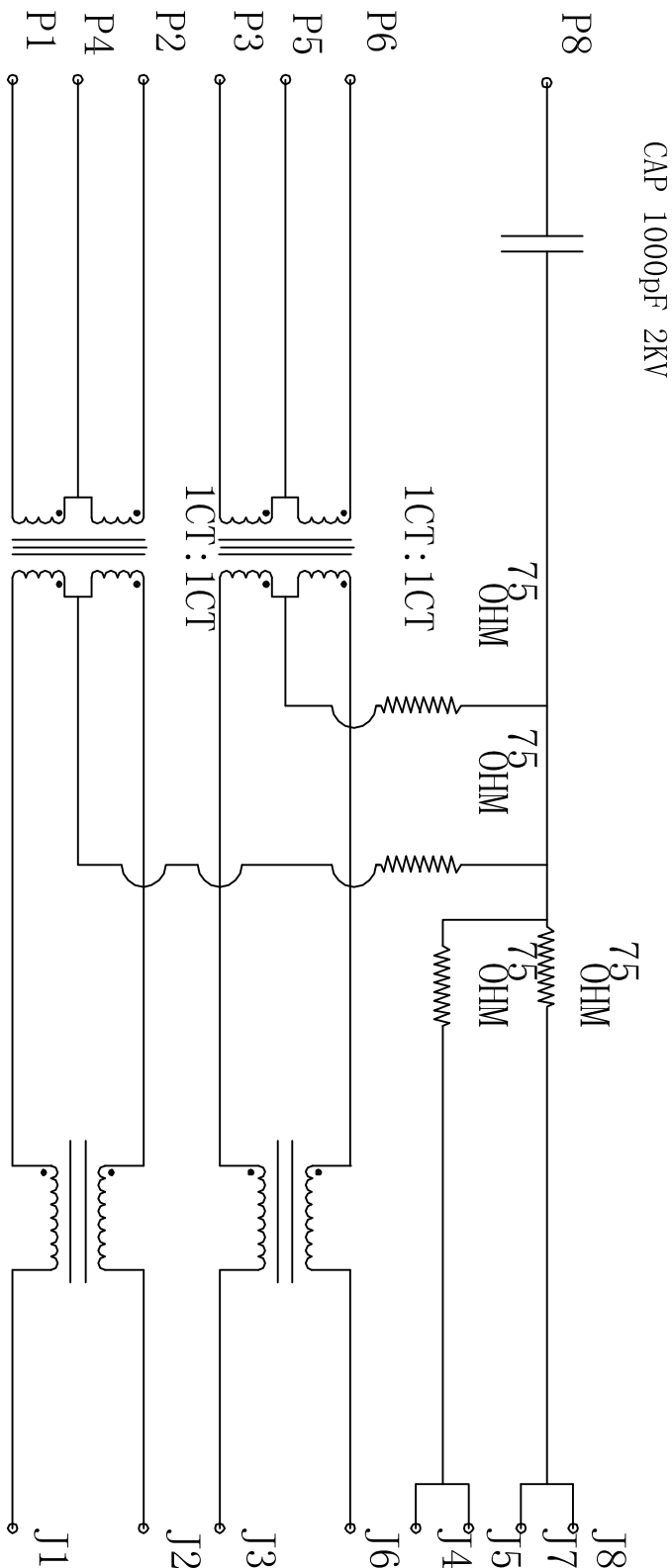
TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C
SMT TYPE

SIZE	PART NO.	REV.
X	MTJ-88TX1-FS-M4-SMT	B
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:**

- 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): 0.3uH Max. @ 1 MHZ
P3 ~ P6 (with J3 and J6 Short): 0.3uH Max. @ 1 MHZ
- Interwinding Capacitance: (P1 ~ P2) : (J1 ~ J2): 30pF max. @ 1MHZ
(P3 ~ P6) : (J3 ~ J6): 30pF max @ 1MHZ
- DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
- Return Loss: 30MHZ to 30MHZ: -18dB min
30MHZ to 60MHZ: -18-20log(f/30))dB min (WHERE f IS IN MHZ)
60MHZ to 80MHZ: -12dB min
- Dielectric Withstand: (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.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES [MM]

TOLERANCES: EXCEPT AS NOTED

INCHES HOLES
.X ± .10
.XX ± .020
.XXX ± .015

APPROVALS DATE

DRAWN DY 2/22/11

CHECKED

APPROVED

ADAM TECH909 Ratway Avenue, Union, NJ 07083
Phone: 908-687-5000 Fax: 908-687-5710

MODULAR JACK GANGED, 1 PORT, 8P8C

SMT TYPE

SIZE PART NO. MTJ-88TX1-FS-M4-SMT

REV. A

REF: S0005C SCALE: NTS SHEET 2 OF 2