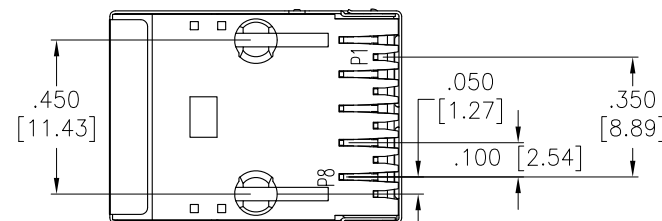
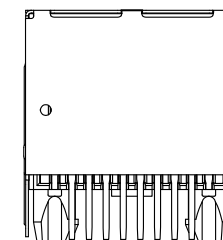
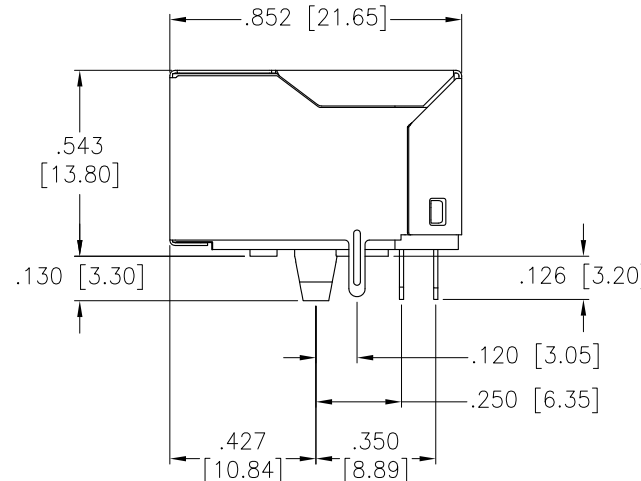
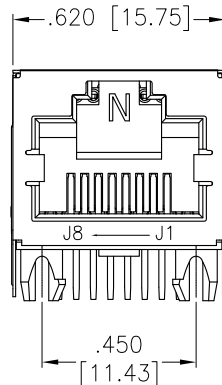
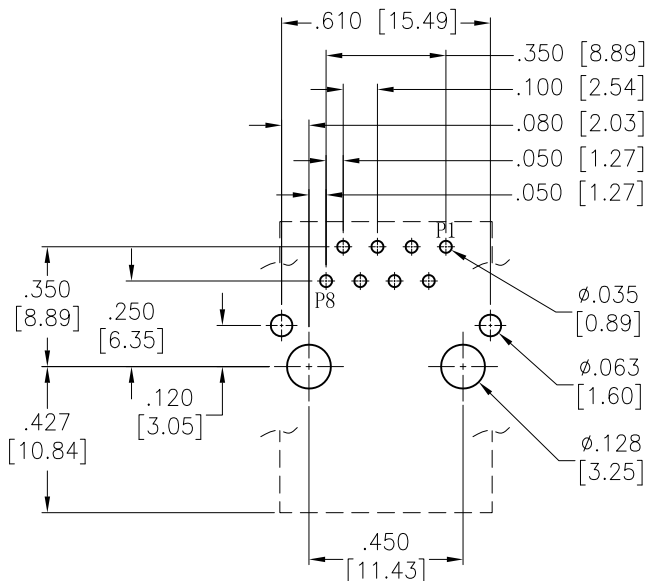


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/23/15	



SPECIFICATIONS:

Material:

Insulator: Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Shield: Stainless, pre-soldering

Contact Plating:

Gold over Nickel underplate on contact area,

Tin over Copper underplate on solder tails

Round contact

Gold over Nickel underplate overall

(See chart for thickness)

Electrical:

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1,000 VAC for 1 minute

Temperature Rating:

Operating temperature: 0°C to +70°C

Environmental:

Lead free, RoHS compliant.

X	PLATING
0	15 μ in Gold
1	30 μ in Gold
2	50 μ in Gold
6	6 μ in Gold

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES
.X $\pm$.10 $\varnothing$.X $\pm$.10
.XX $\pm$.020 $\varnothing$.XX $\pm$.015
.XXX $\pm$.015 $\varnothing$.XXX $\pm$.010

APPROVALS		DATE
DRAWN	HR	10/23/15
CHECKED	GC	10/23/15
APPROVED		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

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

TITLE

MODULAR JACK, 1 PORT, 8P8C

SIZE

PART NO.

X

MTJ-88TUX1-FSD-M4Y

REV.

-

REF: S00101C

SCALE: NTS

SHEET 1 OF 2



6

5

4

3

2

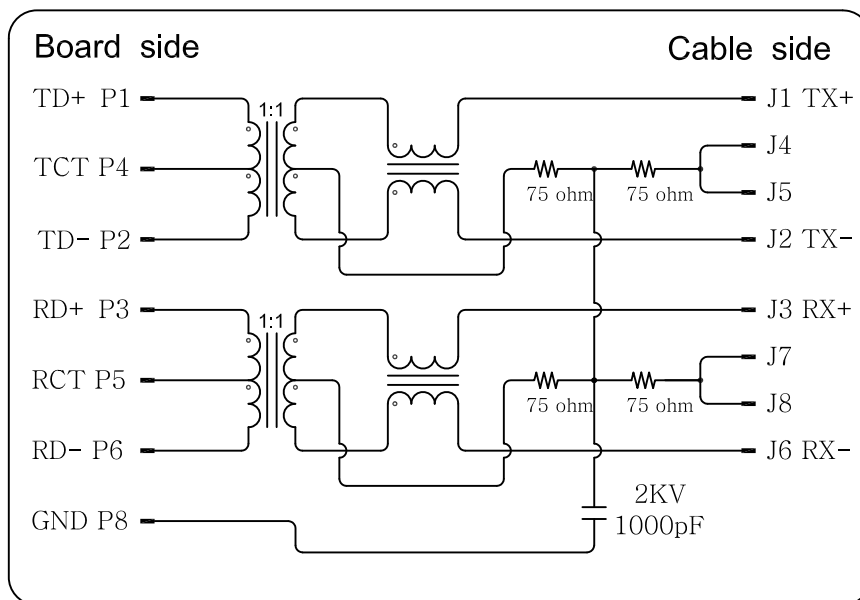
1

APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 2 FOR REVISION

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 -12dB 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 MIN
7. HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1000VAC 2S
8. TURNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 ±%3
 - (P3-P6) : (J3-J6) = 1:1 ±%3

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

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SHEET 2 OF 2

6

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4

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