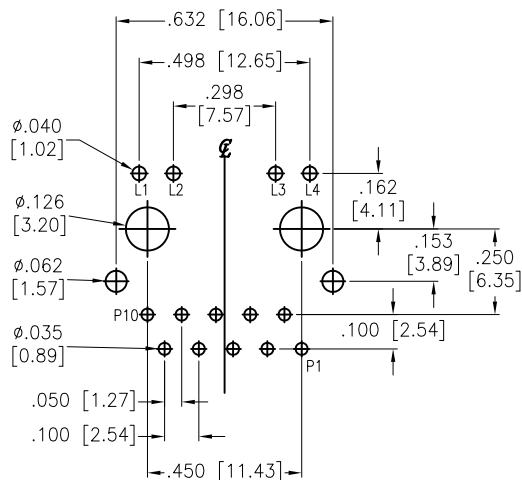


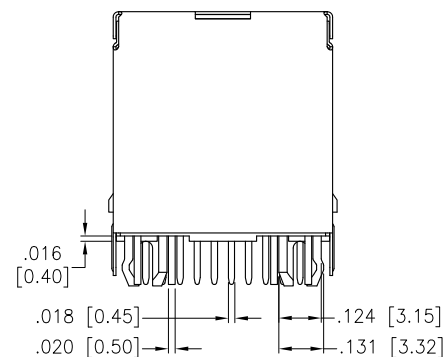
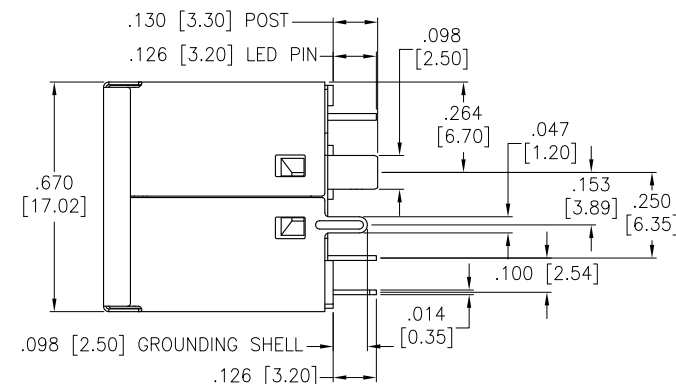
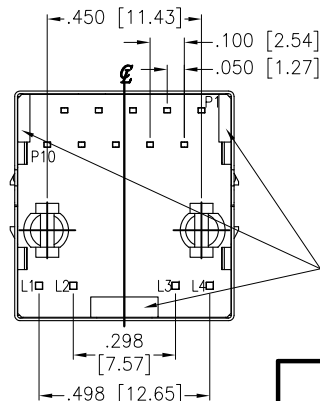
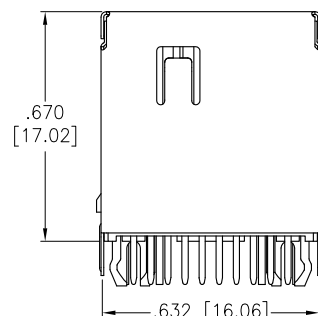
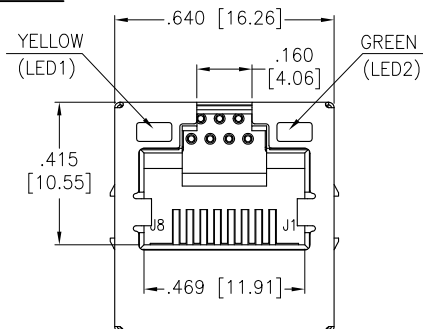
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/12/16	



RECOMMENDED PCB LAYOUT



BACK VIEW

SPECIFICATIONS:

Material:

Insulator: Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Solder tail: Brass

Shield: Stainless, Pre-Soldering

Contact Plating:

Plating:

Round contact

Gold over Nickel underplate overall

Flat contact

Gold over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1,500 VAC or 2,250 VDC 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	± .10	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

APPROVALS		DATE
DRAWN	HR	12/12/16
CHECKED	AT	12/12/16
APPROVED		

ADAM
TECH
INTERCONNECTS

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

TITLE
MODULAR TELEPHONE JACK, 8P8C
TOP ENTRY, PCB, FULL SHIELD

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LG-M21Y	-
REF: S00101C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

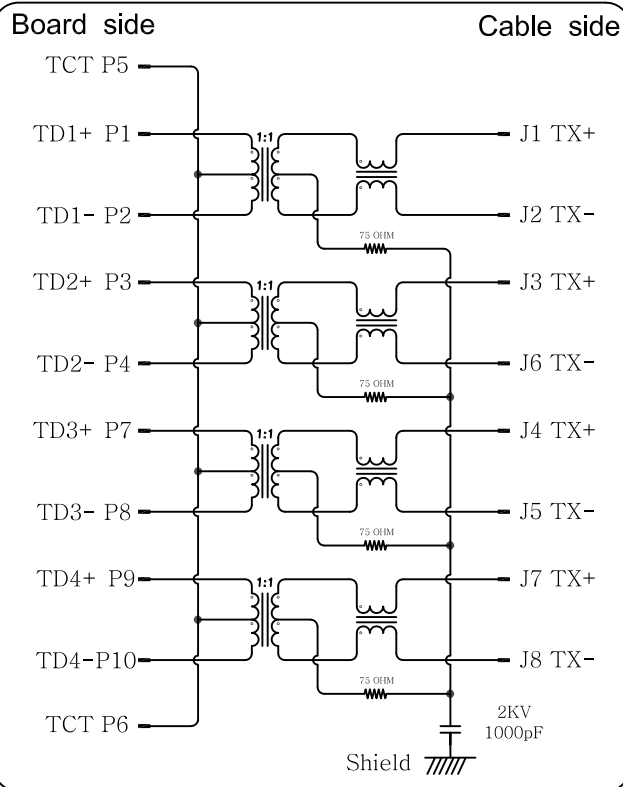
2

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APPROVED: _____

DATE: _____ TITLE: _____

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



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
 - 80~120 MHz -10dB MIN

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

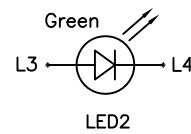
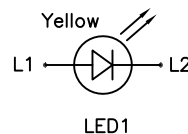
4. CROSS TALK
 - 1~100 MHz -30dB MIN

5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P1-P2),(P3-P4),(P7-P8),(P9-P10) : 350 uH MIN

6. DCR
 - (J1-J2),(J3-J6),(J4-J5),(J7-J8): 1.2 Ohm MAX

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

8. TURNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 ±%3
 - (P3-P4) : (J3-J6) = 1:1 ±%3
 - (P7-P8) : (J4-J5) = 1:1 ±%3
 - (P9-P10) : (J7-J8) = 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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SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LG-M21Y	-

REF: S00101C SCALE: NTS SHEET 2 OF 2

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