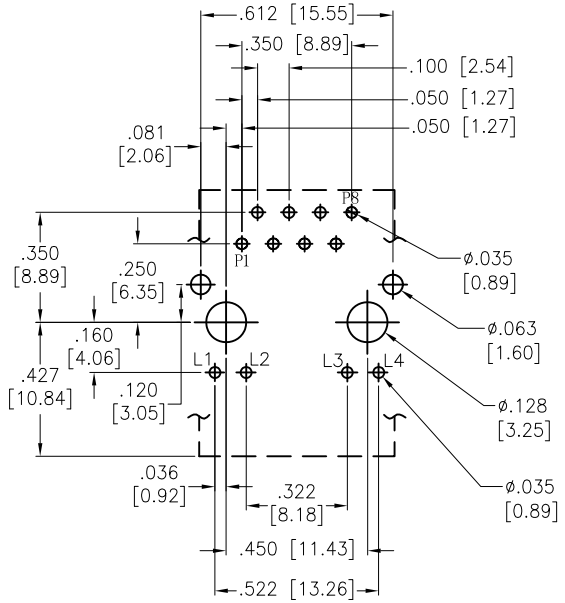
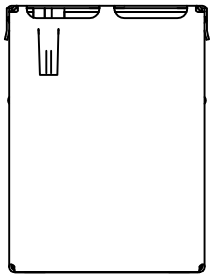
APPROVED: _____

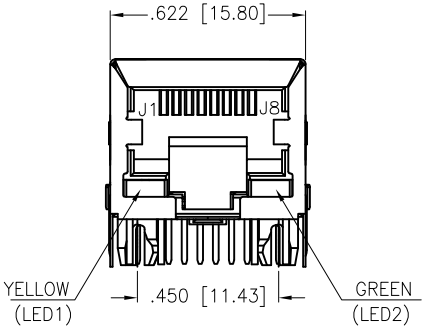
DATE: _____ TITLE: _____

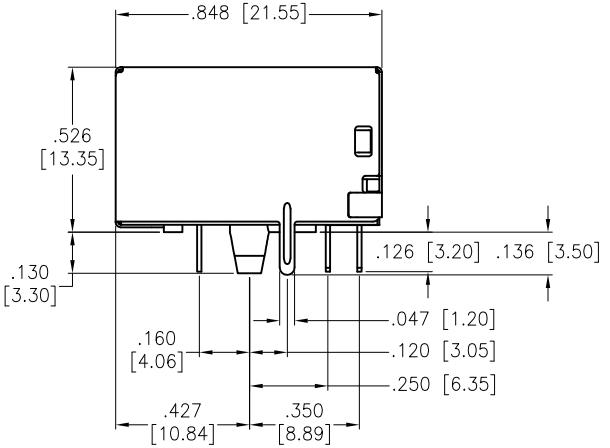
Rev	AWO #	Description	Date	Appr
-	10440	RELEASED	04/18/13	
A		REDRAWN	7/29/14	HR/MW

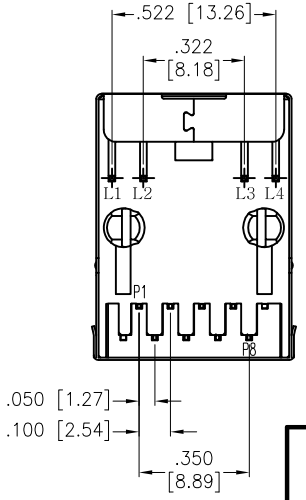


RECOMMENDED PCB LAYOUT









X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold
6	6 µin Gold

SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Solder Tail Terminal: Brass, Tin plated

Shield: Stainless, Pre-Soldering

Contact Plating:

Gold Flash over Nickel underplate on contact area, Matte Tin over Nickel underplate on solder tails. (See chart for thickness.)

Electrical:

Insulation resistance: 500 Mohms min @ 500 VDC

Dielectric withstanding voltage: 1000 VAC for 1 minute

Mechanical:

Temperature Rating:

Operating temperature: 0°C to +70°C

Environmental:

Lead free, RoHS compliant.

RoHS COMPLIANT

Deca BDE-free Halogen-free

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	TW	04/18/13
CHECKED	LW	04/18/13
APPROVED		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

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

TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C RJ45, W/ LED1 YELLOW LED2 GREEN

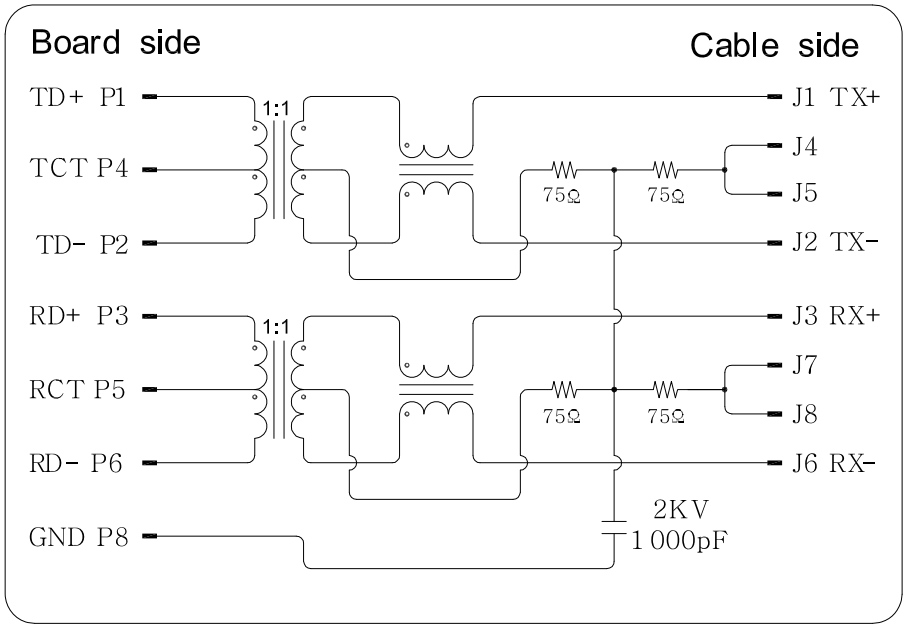
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-LG-M5-HT-HF	A

REF: S00101C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



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

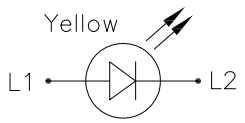
3. COMMON MODE REJECTION
   - 1~100 MHZ −30dB MIN

4. CROSS TALK
   - 1~100 MHZ −30dB MIN

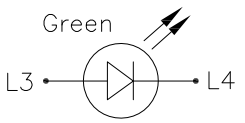
5. INDUCTANCE @ 100KHZ, 0.1V, 8MA DC BIAS
   - (P1−P2),(P3−P6) : 350 uH MIN

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

7. TURNS RATION 100KHZ
   - (P1−P2) : (J1−J2) = 1:1 ±%5
   - (P3−P6) : (J3−J6) = 1:1 ±%5



LED1



LED2

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	TW	04/18/13
CHECKED	LW	04/18/13
APPROVED		

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SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-LG-M5-HT-HF	A

REF: S00101C | SCALE: NTS | SHEET 2 OF 2