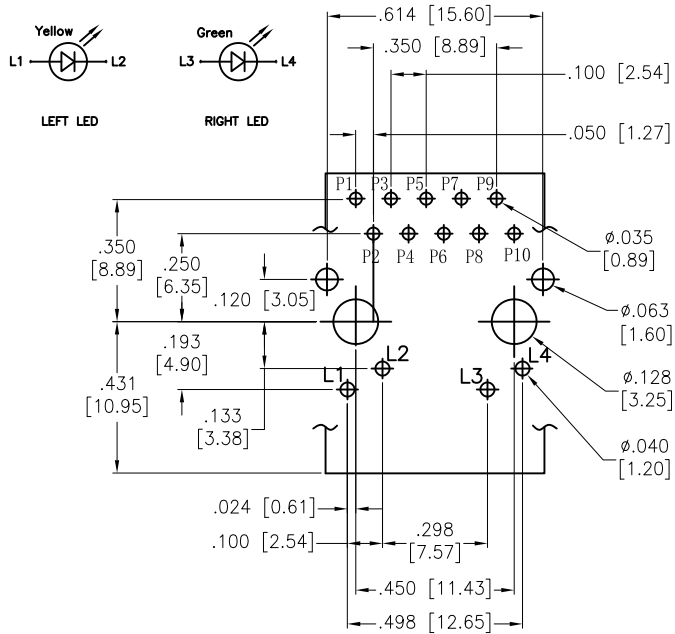
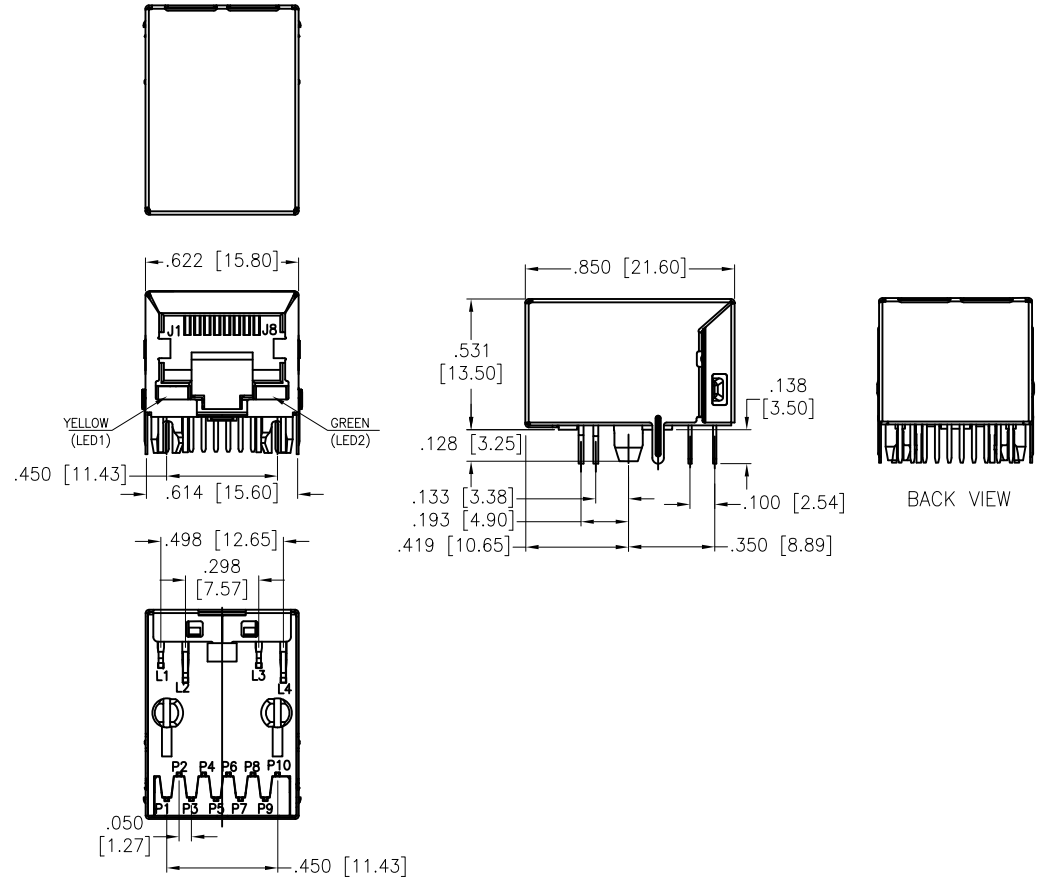


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/24/16	
A		UPDATE DRAWING	8/31/21	JJ/RC



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

Housing: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black

Contacts: Phosphor Bronze

Solder Tail Terminal: Brass, Tin plated

Shield: Stainless, Nuckel Platrd

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

Mechanical:

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

DRAWN	AY	5/24/16
CHECKED	MY	5/24/16
APPROVED		

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AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

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 X	PART NO. MTJ-88TX1-FSD-D1LG-M224Y	REV. A
REF: S00101C	SCALE: NTS	SHEET 1 OF 2

6

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4

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2

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Rev

AWO #

Description

Date

Appr

SEE SHT 1 OF 2 FOR REVISION

APPROVED: _____

DATE: _____ TITLE: _____

D

D

C

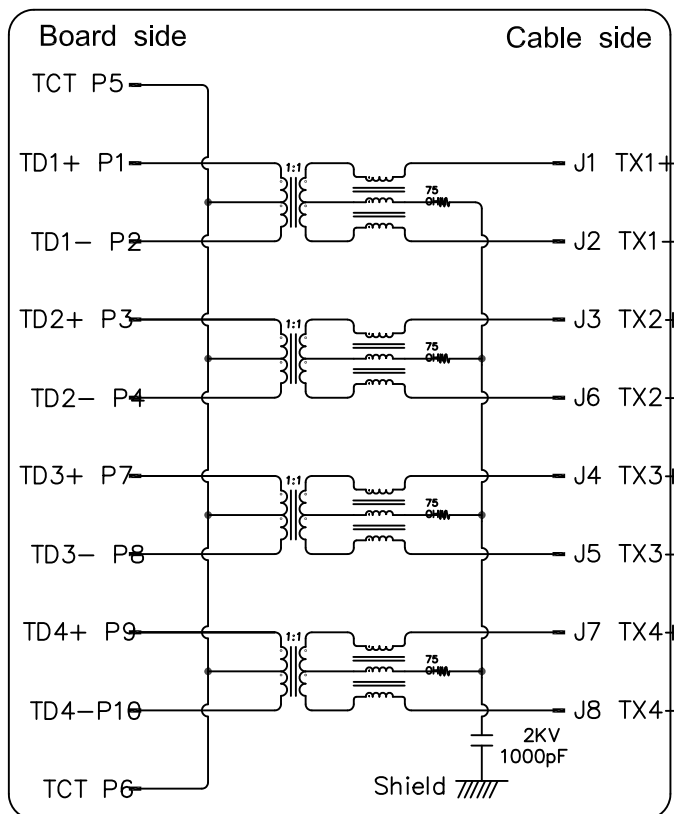
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B

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**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
- 80~100 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

DRAWN

AY

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RJ45, W/ LED1 YELLOW LED2 GREEN

SIZE

X

PART NO.

MTJ-88TX1-FSD-D1LG-M224Y

REV.

A

REF: S00101C

SCALE: NTS

SHEET 2 OF 2

6

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