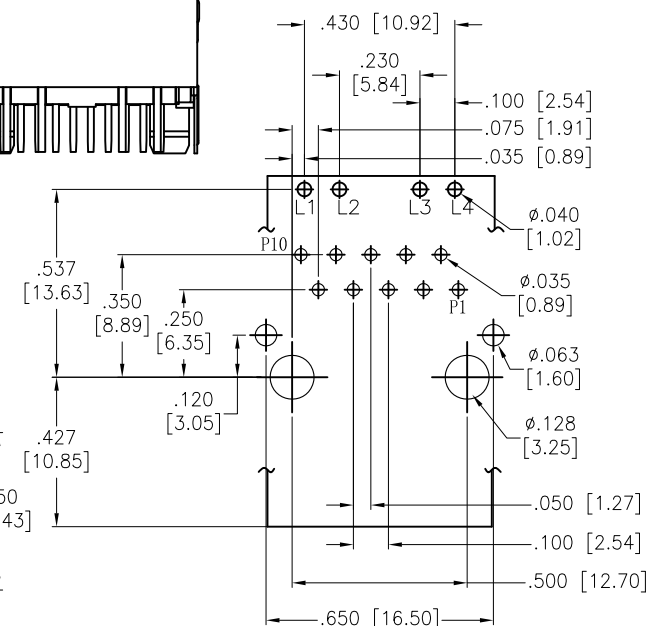
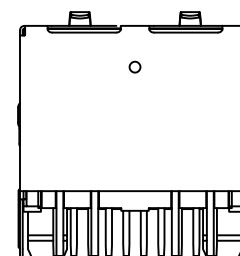
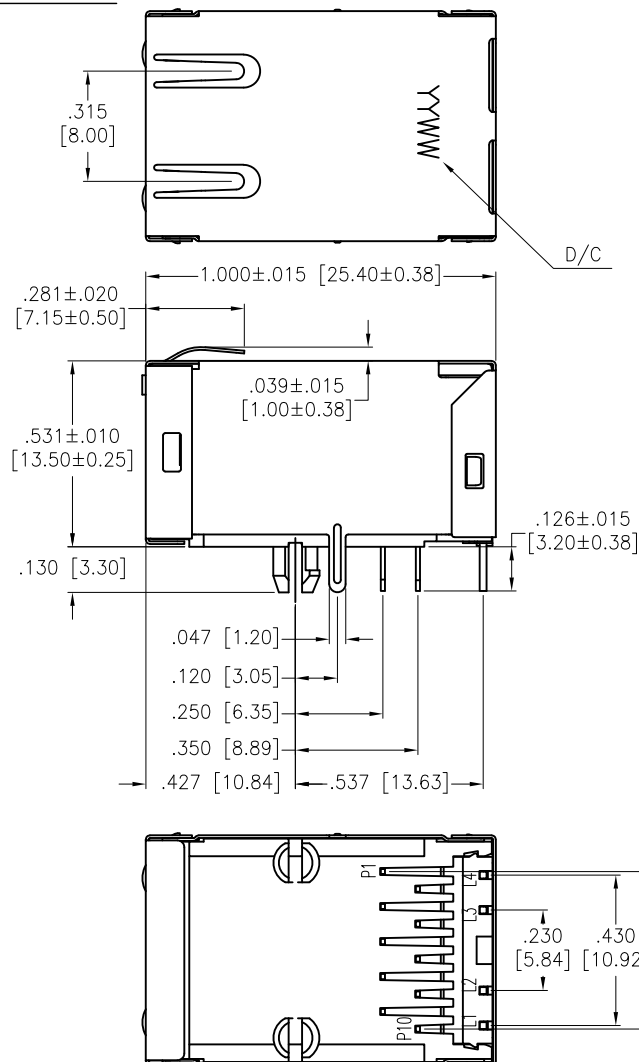
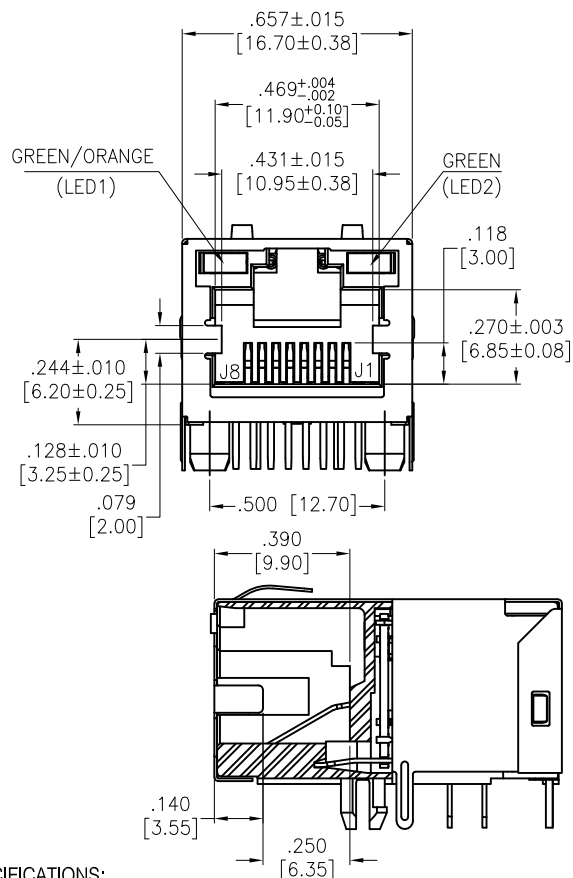


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/18/24	



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: Thermoplastic, rated UL 94V-0, Color: Black

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

Contacts: Phosphor Bronze

Solder Tail Terminal: Brass, 100u" Tin over 30u" Nickel plated

Shield: Stainless, Pre-Soldering

Plating:

Xu" 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

Temperature Rating:

Operating temperature: 0°C to +70°C

Storage temperature: -40°C TO +85°C

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X ± .10	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010

DRAWN	HR	5/8/18
CHECKED	RT	5/8/18
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

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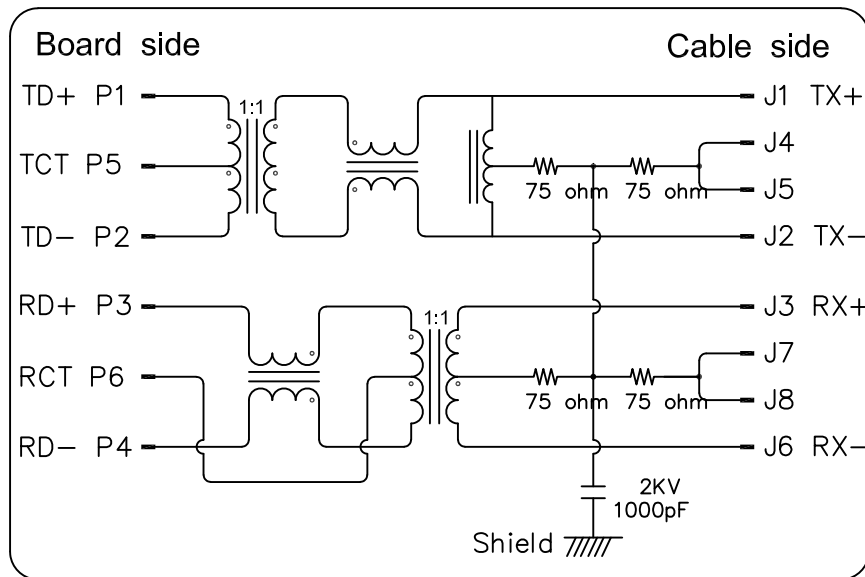
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE MODULAR JACK , 1 PORT, 8P8C W/ LED1 GREEN/ORANGE LED2 GREEN		
SIZE X	PART NO. MTJ-88SX1-FSD-PG2-L37-M346Y	REV. -
REF: S00101C	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

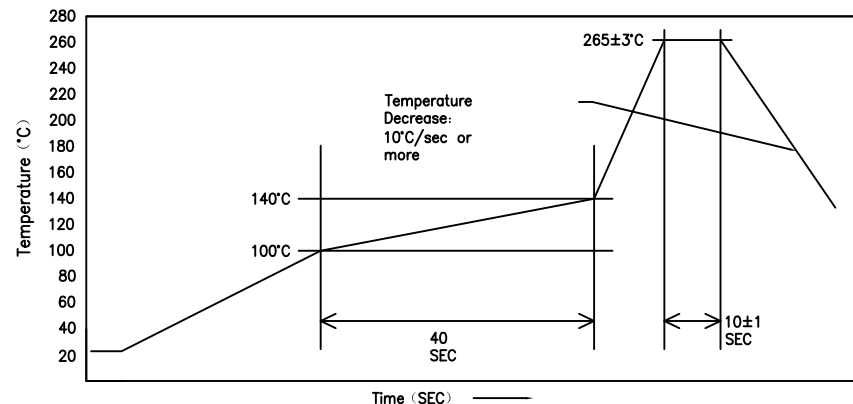
DATE: _____ TITLE: _____

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



Note:

The measuring point for the specified temperature shall be on the soldered part of the lead.



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

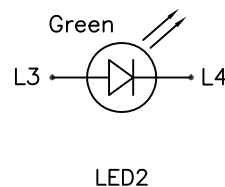
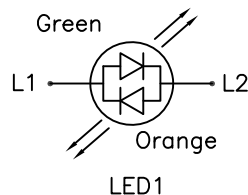
4. CROSS TALK
- 1~100 MHz -30dB MIN

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

6. DCR
- (J1-J2),(J3-J6) : 1.2 Ohm MAX

7. HI-POT TEST
- PCB 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



Emitting Color	λp (nm)	Vf @If=20mA	Ir @Vr=5V
Green	565	1.7V~2.6V	10μA max.
Yellow	585	1.7V~2.6V	10μA max.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X ±.10	ØX ±.10
.XX ±.020	ØXX ±.015
.XXX ±.015	ØXXX ±.010

DRAWN	HR	5/8/18
CHECKED	RT	5/8/18
APPROVED		

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TITLE MODULAR JACK, 1 PORT, 8P8C W/ LED1 GREEN/ORANGE LED2 GREEN			SIZE X	PART NO. MTJ-88SX1-FSD-PG2-L37-M346Y	REV. F
REF:	S00101C	SCALE:	NTS	SHEET	2 OF 2