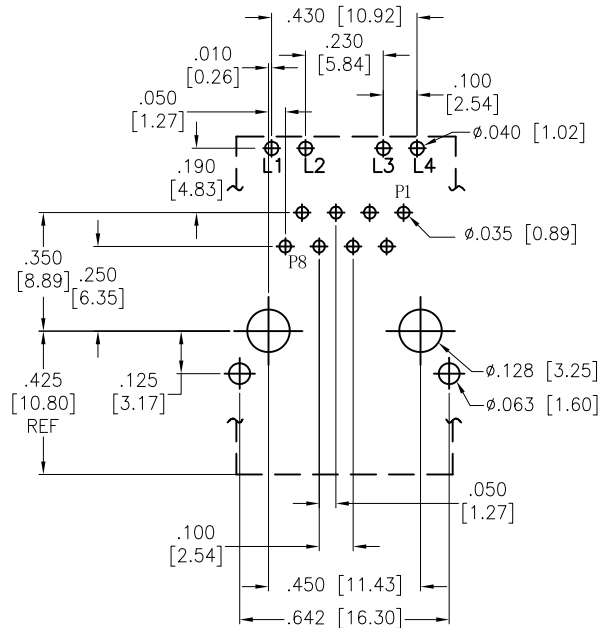


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/22/14	
A		UPDATE DRAWING	6/5/23	WX/MC



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Housing: Thermoplastic, rated UL 94V-0

Housing color: Black

Module case: Thermoplastic, rated UL 94V-0, Color: Black

Contacts: Phosphor Bronze

Solder Tail terminal: Brass, Tin plated

Shield: Stainless, pre-soldering

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

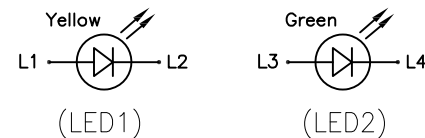
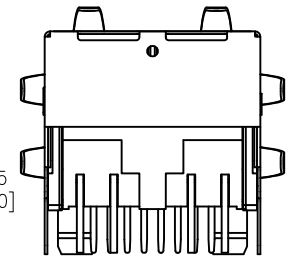
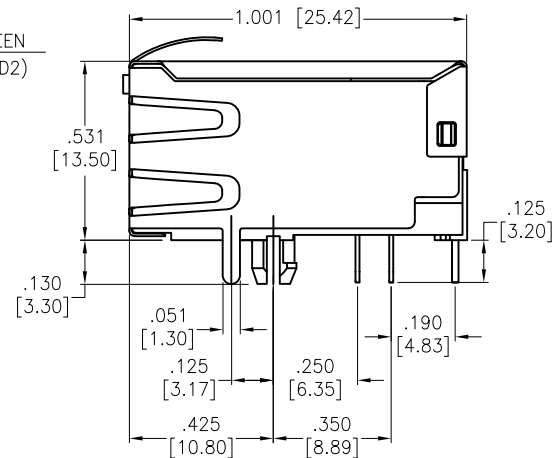
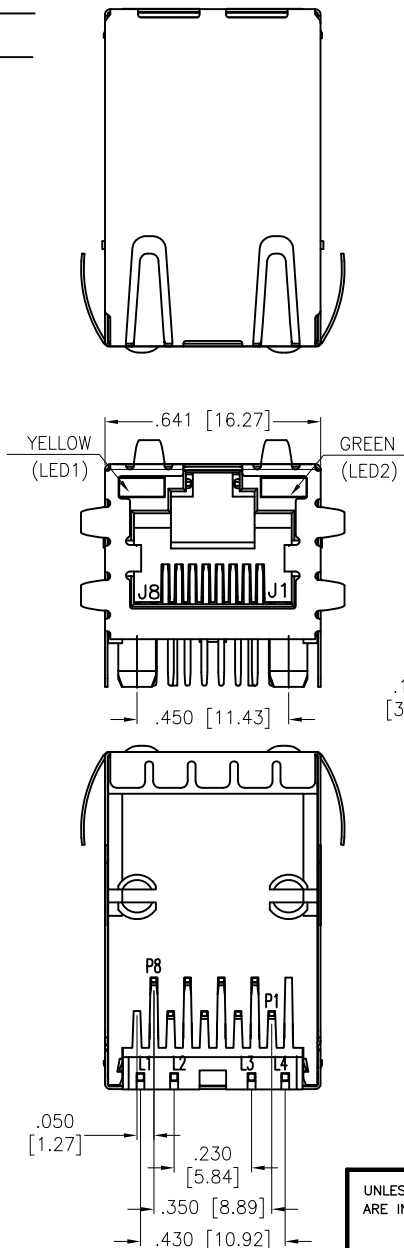
Dielectric withstanding voltage: 1500VAC or 2250VDC for 1 minute

Temperature Rating:

Operating temperature: 0°C to +70°C

Environmental:

Lead free, RoHS compliant.



Emitting Color	Ip (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	AY	4/22/14
CHECKED	NP	4/22/14
APPROVED		

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ADAM TECH

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

TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/ LED1 YELLOW & LED2 GREEN

SIZE X	PART NO. MTJ-88SX1-FSP-PG-LG-M7Y	REV. A
REF: S00101C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

1

APPROVED: _____

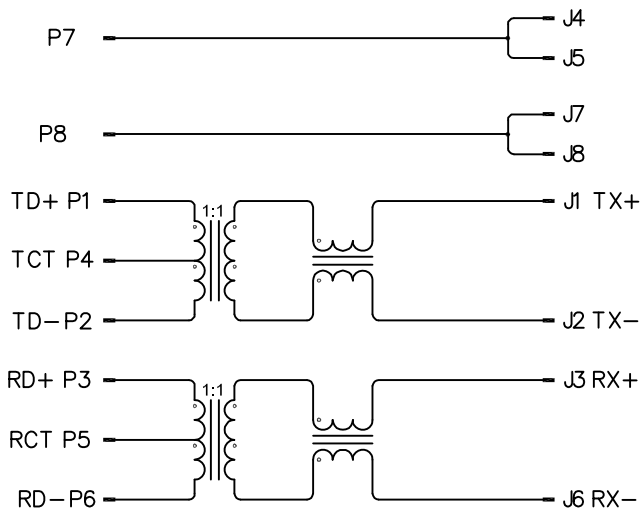
DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 2 FOR REVISION

Board side

Cable side

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
 - PCB 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

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 4/22/14

CHECKED NP 4/22/14

APPROVED

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TECH909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/ LED1 YELLOW & LED2 GREEN

SIZE X PART NO. MTJ-88SX1-FSP-PG-LG-M7Y REV. A

REF: S00101C SCALE: NTS SHEET 2 OF 2