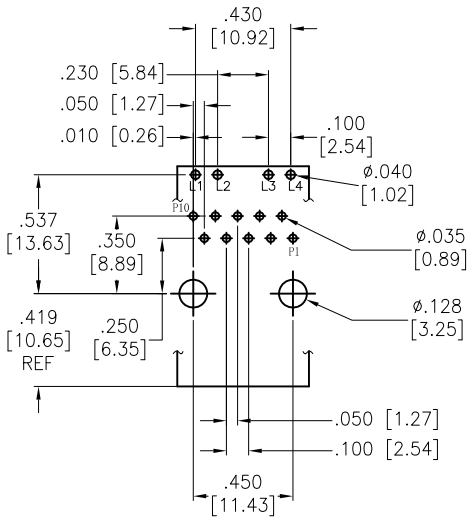
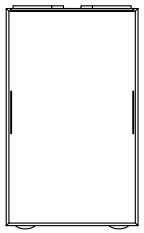
APPROVED: _____

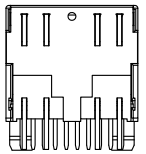
DATE: _____ TITLE: _____

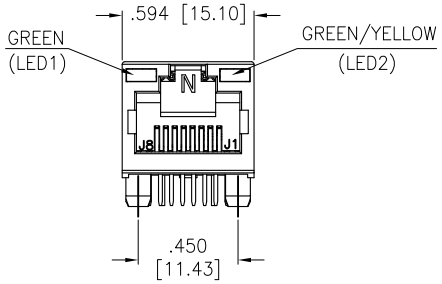
Rev	AWO #	Description	Date	Appr
-		RELEASED	4/27/20	
A		UPDATE DRAWING	12/11/20	LH/KC
B		UPDATE DRAWING	5/18/22	LH/KC
C		UPDATE PAGE 2	5/19/22	WX/KC

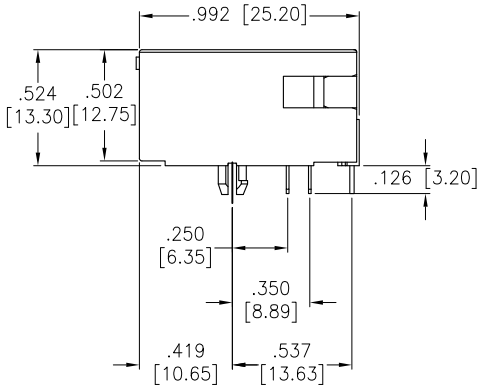


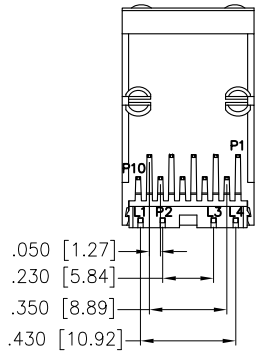
RECOMMENDED PCB LAYOUT

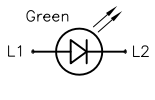




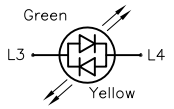








LEFT LED



RIGHT LED

SPECIFICATIONS:

Material:

Housing: (LCP) Hi–Temp Thermoplastic, rated UL 94V–0, Color: Black

Module Case: (LCP) Hi–Temp Thermoplastic, rated UL 94V–0, Color: Black

Contacts: Phosphor Bronze

Solder tail terminal: Brass, Tin over Nickel underplate overall

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: 1500 VAC or 2250 VDC for 1 minute

Temperature Rating:

Operating temperature: 0°C to +70°C

Environmental:

Lead free, RoHS compliant

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	OW	4/27/20
CHECKED	KC	4/27/20
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY 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 TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 GREEN, LED2 GREEN/YELLOW

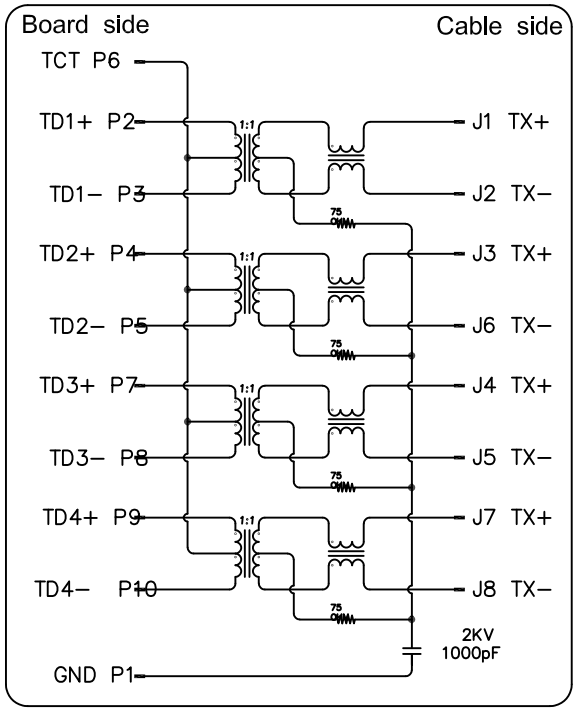
SIZE	PART NO.	REV.
X	MTJ-88SX1-L35-M397Y-HT	C

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
   - 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
   - (P2−P3),(P4−P5),(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
   - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S

8. TURNS RATION 100KHz
   - (P2−P3) : (J1−J2) = 1:1 ±%3
   - (P4−P5) : (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	OW	4/27/20
CHECKED	KC	4/27/20
APPROVED		

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SIZE	PART NO.	REV.
X	MTJ-88SX1-L35-M397Y-HT	B

REF:	SCALE:	SHEET
S00101C	NTS	2 OF 2