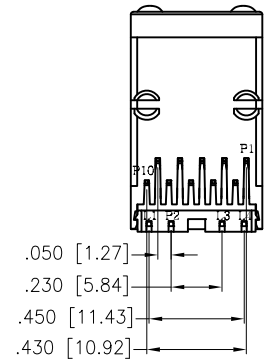
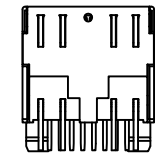
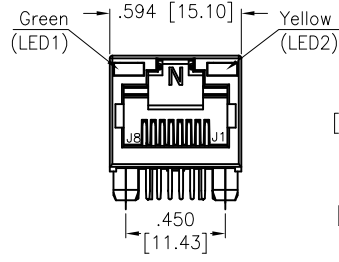
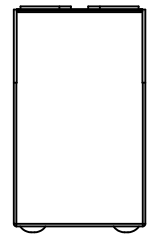
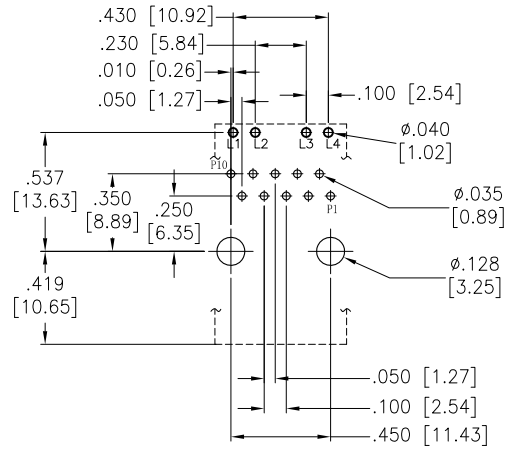


Rev	AWO #	Description	Date	Appr
-		RELEASED	4/14/16	
A		UPDATED DRAWING	7/14/17	HR/TY

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



**SPECIFICATIONS:**  
 Material:  
 Insulator: Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Module Case: Thermoplastic, rated UL 94V-0, Color: Black  
 Contacts: Phosphor Bronze  
 Contacts Plating:  
 Round contact  
 Gold over Nickel underplate overall  
 Flat contact  
 Gold over Nickel underplate on contact area,  
 Tin over Copper underplate on solder tails  
 (See chart for thickness)  
 Electrical:  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 1500 VAC or 2250 VDC for 1 minute  
 Mechanical:  
 Temperature Rating:  
 Operating temperature: 0°C to +70°C  
 Environmental:  
 Lead free, RoHS compliant.



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

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	AY	4/14/16
CHECKED	SL	4/14/16
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 GREEN, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88SX1-LH-M302	A

REF: S00101C SCALE: NTS SHEET 1 OF 2

6 5 4 3 2 1

D

D

C

C

B

B

A

A

6 5 4 3 2 1

6 5 4 3 2 1

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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

ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :  
 - 1~100 MHz -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :  
 - 1~30 MHz -18dB MIN  
 - 30~60 MHz -16dB MIN  
 - 60~80 MHz -12dB MIN
- COMMON MODE REJECTION  
 - 1~100 MHz -30dB MIN
- CROSS TALK  
 - 1~100 MHz -30dB MIN
- INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS  
 - (P2-P3),(P4-P5) : 350 uH MIN
- DCR  
 - (J1-J2),(J3-J6) : 1.2 Ohm MAX
- HI-POT TEST  
 - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- URNS RATION 100KHz  
 - (P2-P3) : (J1-J2) = 1:1 ±%3  
 - (P4-P5) : (J3-J6) = 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

APPROVALS		DATE
DRAWN	AY	4/14/16
CHECKED	SL	4/14/16
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 GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJ-88SX1-LH-M302	REV. A
REF: S00101C	SCALE: NTS	SHEET 2 OF 2

6 5 4 3 2 1