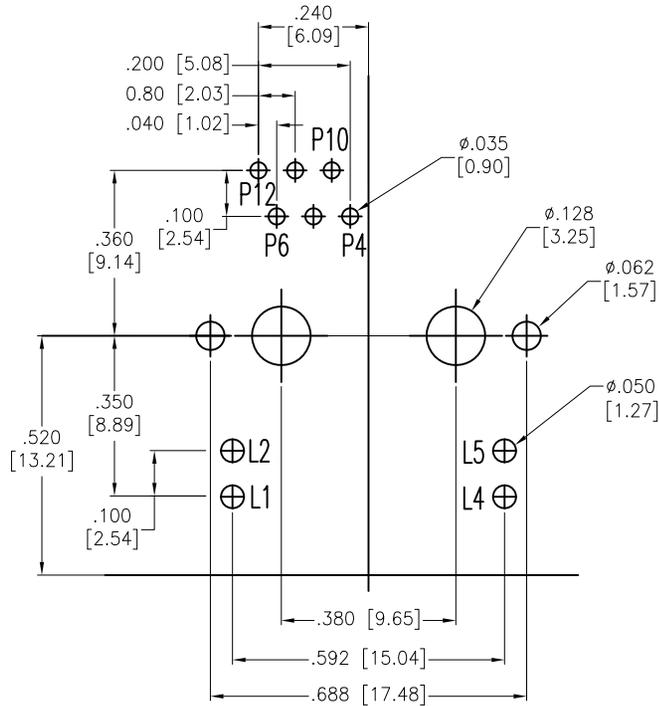
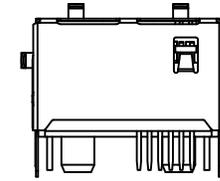
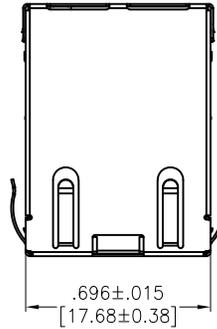


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

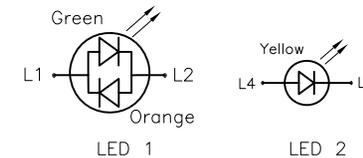
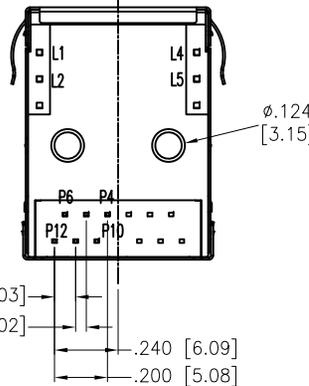
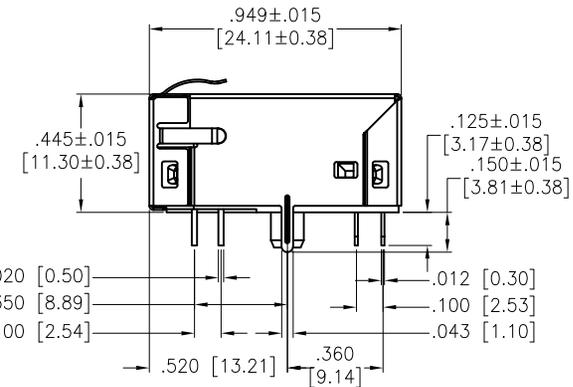
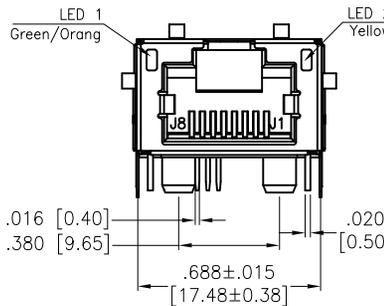
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/11/19	
A		UPDATE DRAWING	11/8/21	WX/AC1



RECOMMENDED PCB LAYOUT



Back View



**SPECIFICATIONS:**

**Material:**  
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black  
 Module Case : Thermoplastic, rated UL 94V-0, Color: Black  
 Contacts: Phosphor Bronze  
 Solder Tail Terminal: Brass, Tin over Nickel Plated  
 Shield: Stainless, SUS304, Nickel Plated  
 Plating:  
 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 2250 VDC for 1 minute  
 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	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010



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

DRAWN	LH	11/11/19
CHECKED	KC	11/11/19
APPROVED		

TITLE	MODULAR TELEPHONE JACK 1 PORT, 8P8C W/ LED1 GREEN/ORANGE, LED2 YELLOW		
SIZE	PART NO.	REV.	
X	MTJ-88SUX1-FS-PG-VL29-M252Y-HT	A	

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

REF:	S00101C-1	SCALE:	NTS	SHEET	1 OF 2
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6 5 4 3 2 1

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

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

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  
 - (P12-P10),(P4-P6) : 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  
 - (P12-P10) : (J1-J2) = 1:1 ±%3  
 - (P4-P6) : (J3-J6) = 1:1 ±%3

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	LH	11/11/19
CHECKED	KC	11/11/19
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88SUX1-FS-PG-VL29-M252Y-HT	A

REF: S00101C-1 SCALE: NTS SHEET 2 OF 2

6 5 4 3 2 1