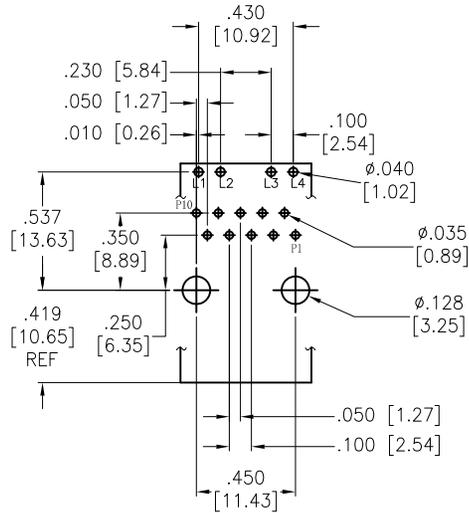
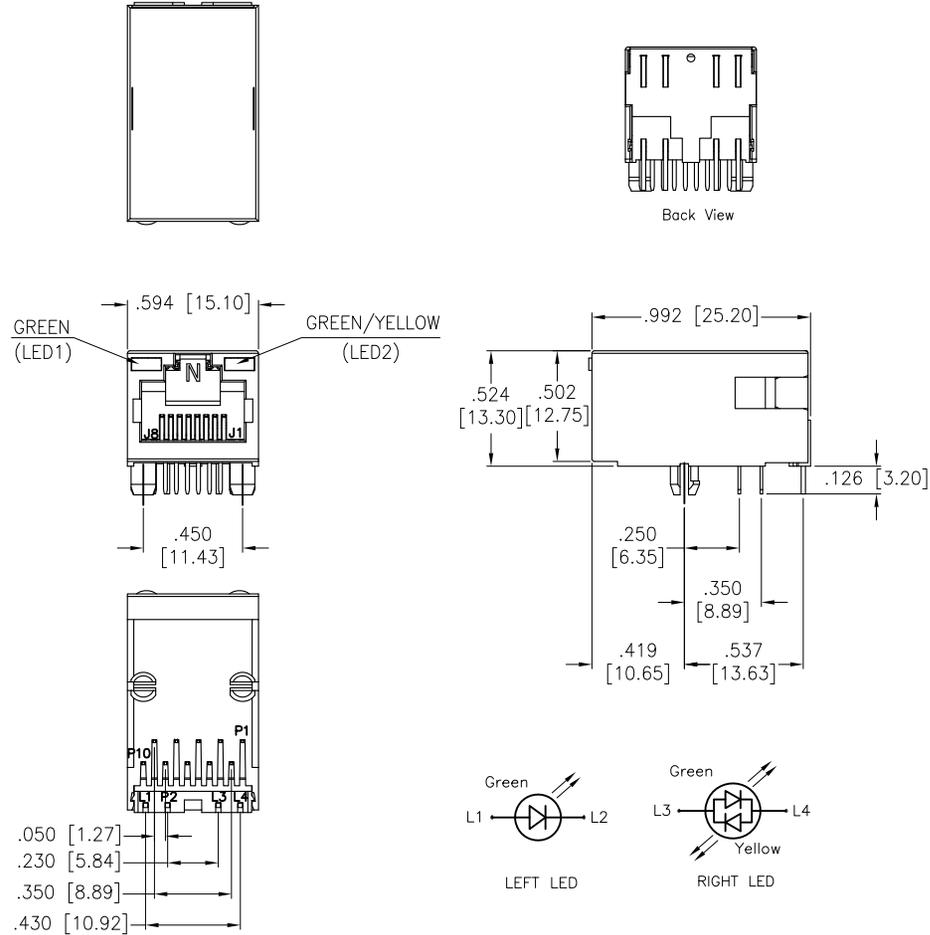


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Apr
-		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



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



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		

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

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

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

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		

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

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SIZE X	PART NO. MTJ-88SX1-L35-M397Y-HT	REV. B
REF: S00101C	SCALE: NTS	SHEET 2 OF 2

6 5 4 3 2 1