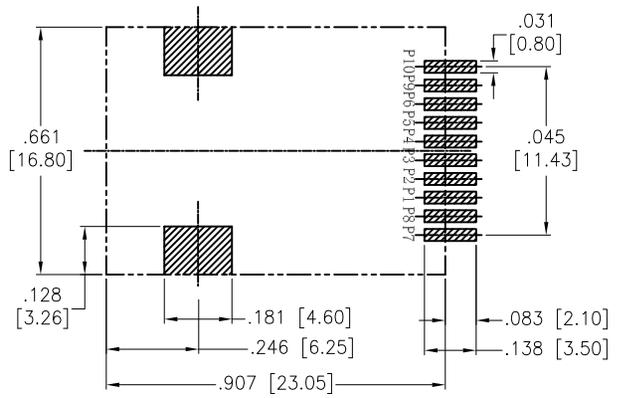
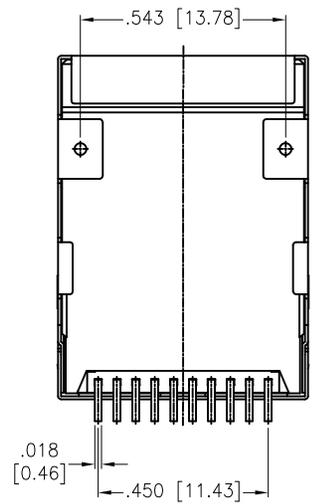
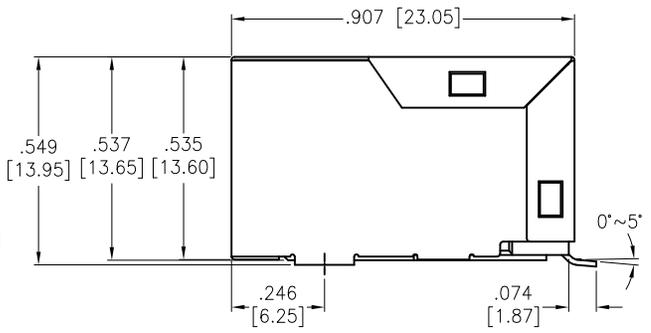
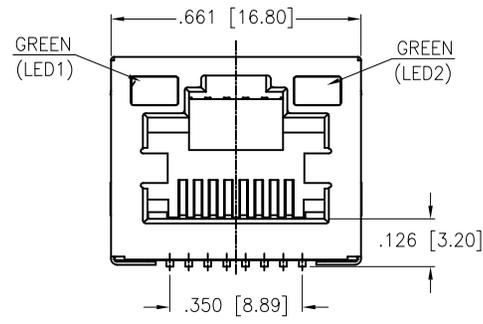


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/20/21	



RECOMMENDED PCB LAYOUT



**SPECIFICATIONS:**

Material:  
 Housing: Hi-Temp Thermoplastic, rated UL 94V-0  
 Housing Color: Black  
 Inserter: Hi-Temp Thermoplastic, rated UL 94V-0  
 Inserter Color: Black  
 Contacts: Copper Alloy  
 Shield: Brass, Nickel plated  
 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:  
 Voltage rating: 150 VAC  
 Contact Resistance: 20 mohms max.  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 1,500VAC or 2,250VDC  
 Temperature Rating:  
 Operating temperature: -40°C to +85°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	LH	10/20/21
CHECKED	YC	10/20/21
APPROVED		

TITLE: MODULAR TELEPHONE JACK, 1 PORT, 8P8C  
 W/LED1 GREEN, LED2 GREEN, NO PEG

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

SIZE	PART NO.	REV.
X	MTJ-88TULX1-FS-NP-LD-SMT-M386C-WOT	-
REF:	S00005C	SCALE: NTS SHEET 1 OF 2

6

5

4

3

2

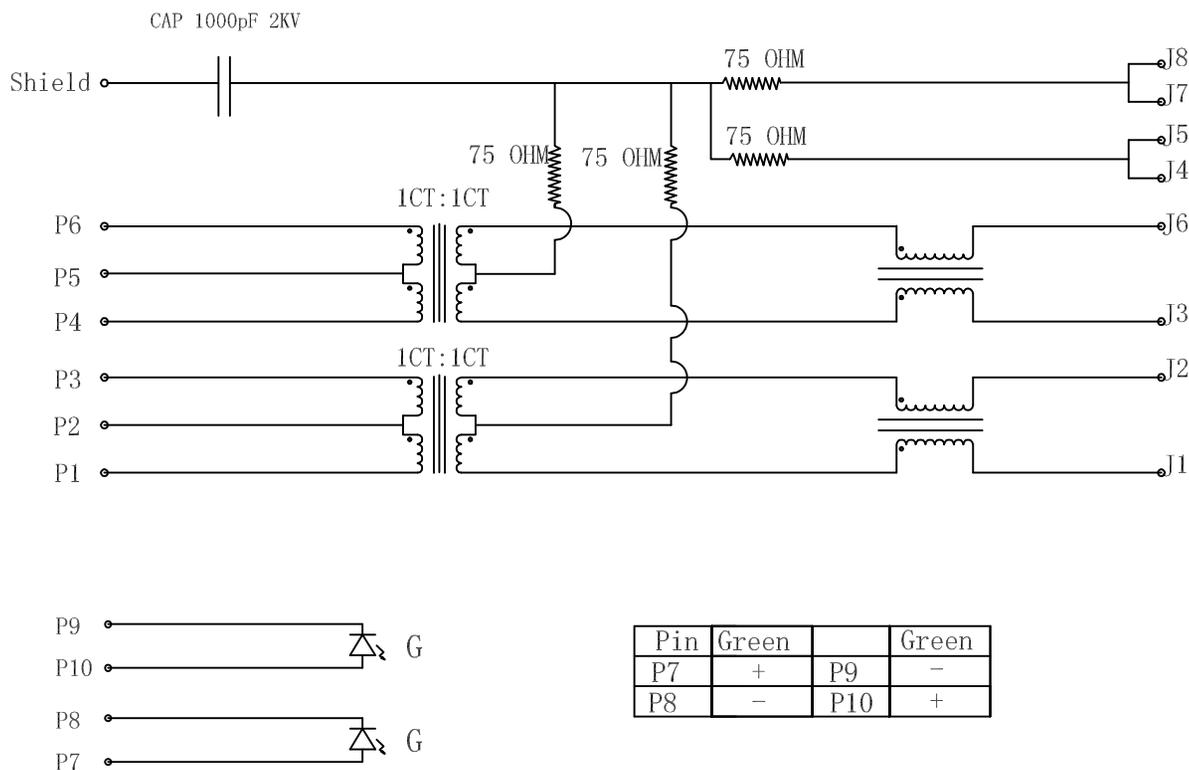
1

APPROVED: \_\_\_\_\_

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

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



Electronical Specifications:

- Turn Ratio @100KHz: (P1~P3):(J1~J2) = 1:1±5%  
(P4~P6):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.2dB MAX
- Return Loss: 1-30MHz -16dB MIN  
30-60MHz -12dB MIN  
60-80MHz -10dB MIN
- CROSS TALK: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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	LH	10/20/21
CHECKED	YC	10/20/21
APPROVED		

TITLE  
**MODULAR TELEPHONE JACK, 1 PORT, 8P8C**  
**W/LED1 GREEN, LED2 GREEN, NO PEG**

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

SIZE <b>X</b>	PART NO. <b>MTJ-88TULX1-FS-NP-LD-SMT-M386C-WOT</b>	REV. -
REF: S00005C	SCALE: NTS	SHEET 2 OF 2

6

5

4

3

2

1