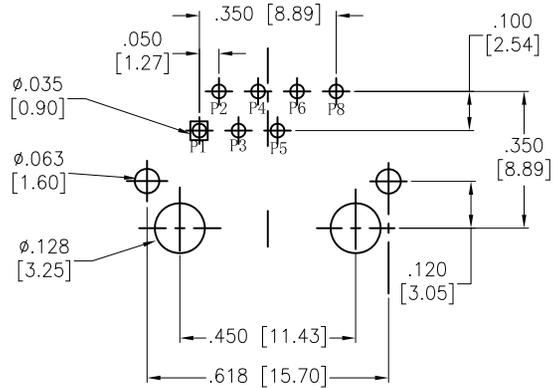


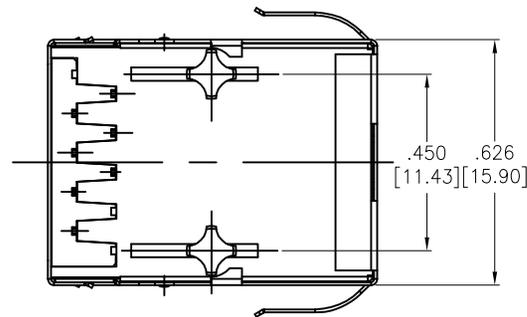
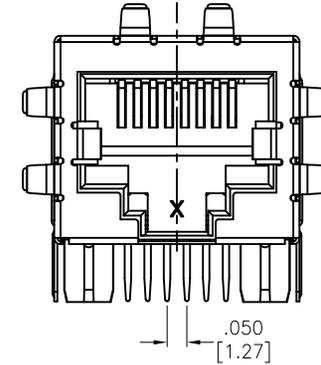
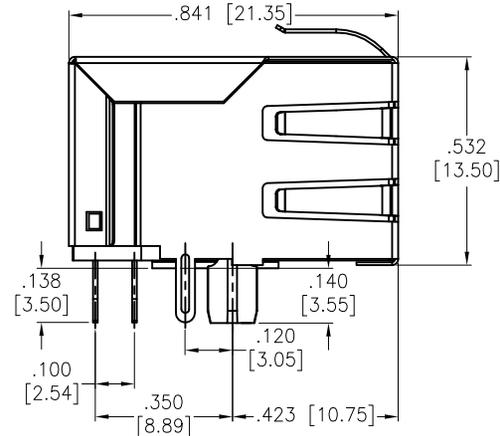
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/13/22	
A		UPDATE DRAWING	7/16/24	LH/MC



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
Housing: Thermoplastic, rated UL 94V-0, 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: 1500 VAC or 2250 VDC
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	ØX	±.10
.XX	±.020	ØXX	±.015
.XXX	±.015	ØXXX	±.010

DRAWN	WX	1/13/22
CHECKED	TY	1/13/22
APPROVED		

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



TITLE: MODULAR TELEPHONE JACK, 1 PORT, 8P8C
REMOVED PIN #07

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG6-M3-X7-WOT	A
REF:	S00005C	SCALE: NTS SHEET 1 OF 2

6

5

4

3

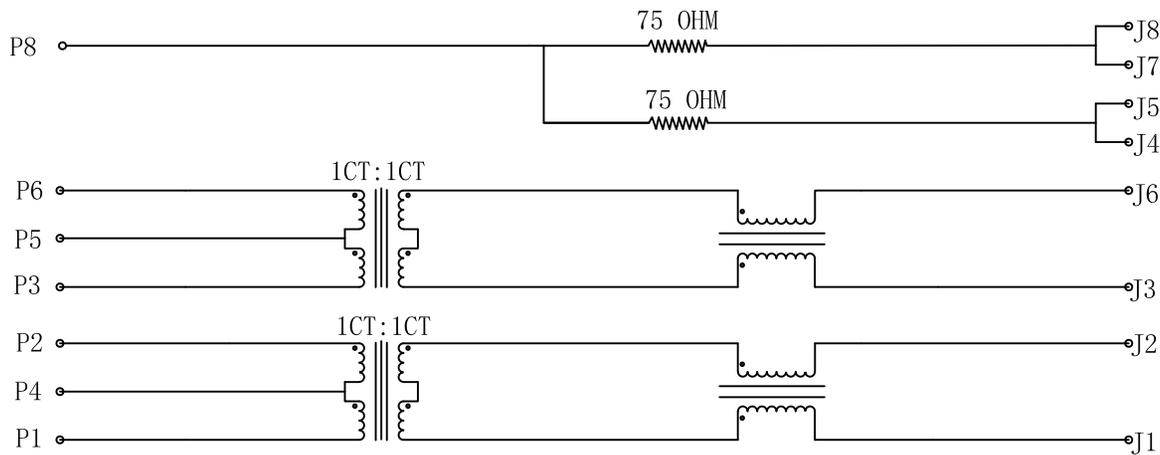
2

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APPROVED: _____

DATE: _____ TITLE: _____

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



Electronical Specifications:

- Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~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	ØX	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010



DRAWN	WX	1/13/22
CHECKED	TY	1/13/22
APPROVED		

TITLE
**MODULAR TELEPHONE JACK, 1 PORT, 8P8C
 REMOVED PIN #07**

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-88TX1-FSD-PG6-M3-X7-WOT	A
REF:	S00005C	SCALE: NTS
		SHEET 2 OF 2

6

5

4

3

2

1