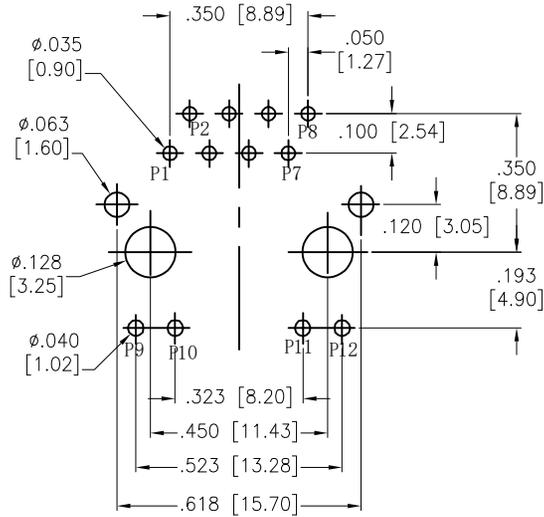


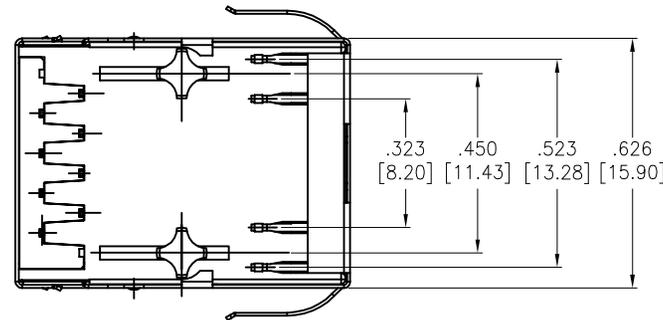
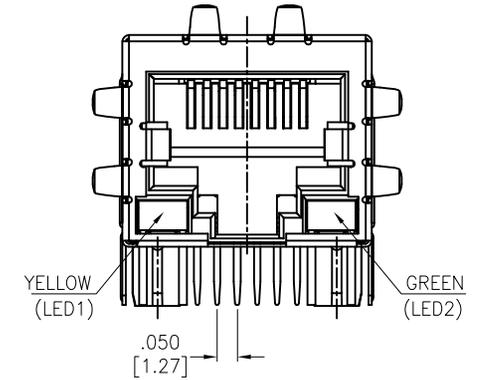
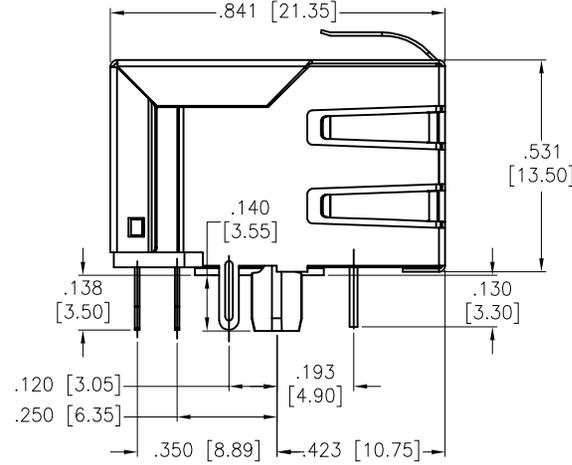
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/17/20	
A		UPDATE DRAWING	10/30/24	WY/MC



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0, Color: Black
 Insert: PBT, 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: 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	∅X	± .10
.XX	± .020	∅XX	± .015
.XXX	± .015	∅XXX	± .010

DRAWN	AY	07/17/20
CHECKED	BL	07/17/20
APPROVED		

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



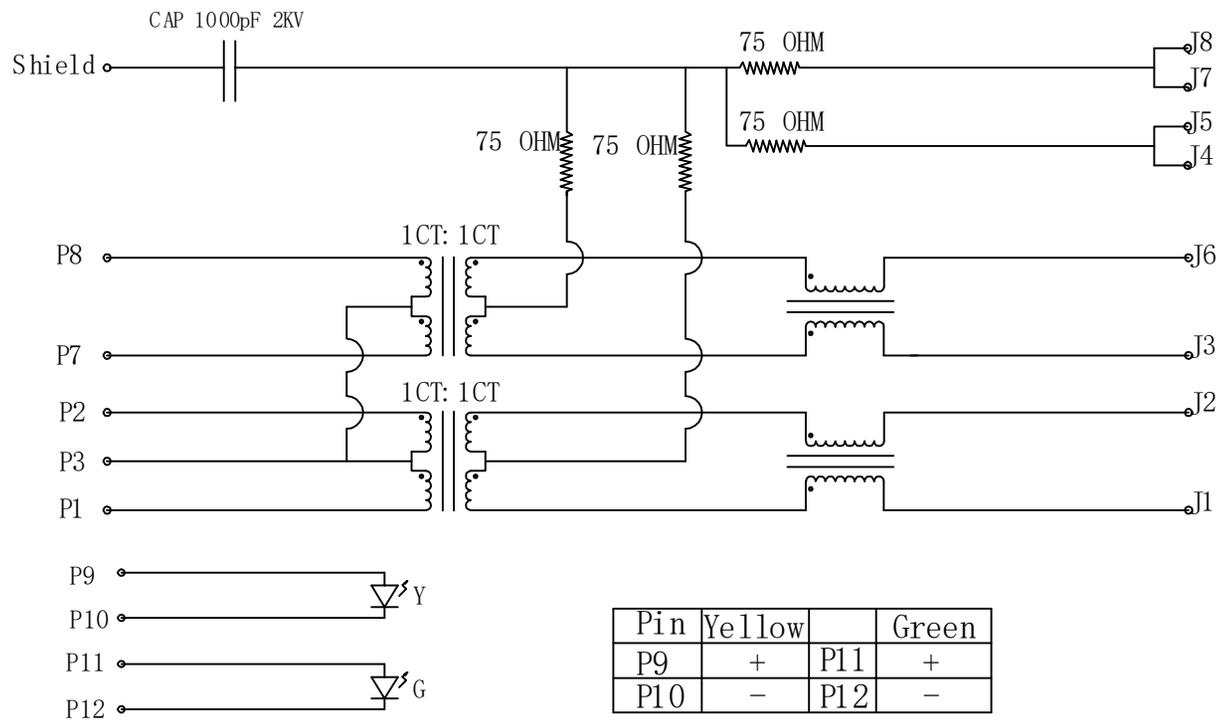
TITLE
**MODULAR TELEPHONE JACK, 1 PORT, 8P8C
 W/ LED1 YELLOW LED2 GREEN**

SIZE X	PART NO. MTJ-88TX1-FSD-PG-LG-M63C1-WOT	REV. A
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

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



Pin	Yellow		Green
P9	+	P11	+
P10	-	P12	-

Electronical Specifications:

- 1.0 Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P7~P8):(J3~J6) = 1:1±5%
- 2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- 3.0 DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- 4.0 Insertion Loss: 1-100MHz -1.2dB MAX
- 5.0 Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- 6.0 CROSS TALK: 1-100MHz -30dB MIN
- 7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8.0 Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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INCHES		HOLES	
.X	± .10	∅X	±.10
.XX	± .020	∅XX	±.015
.XXX	± .015	∅XXX	±.010

DRAWN	AY	07/17/20
CHECKED	BL	07/17/20
APPROVED		

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TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 YELLOW LED2 GREEN		
SIZE X	PART NO. MTJ-88TX1-FSD-PG-LG-M63C1-WOT	REV. A
REF: S00005C	SCALE: NTS	SHEET 2 OF 2