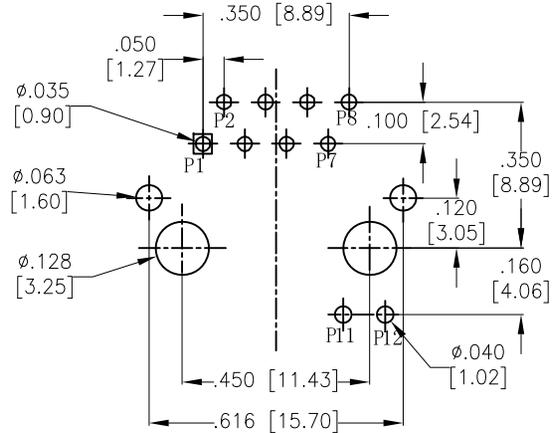


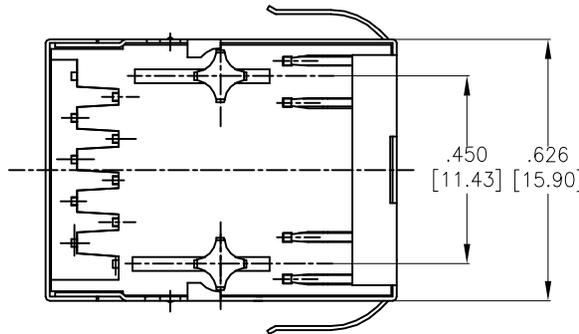
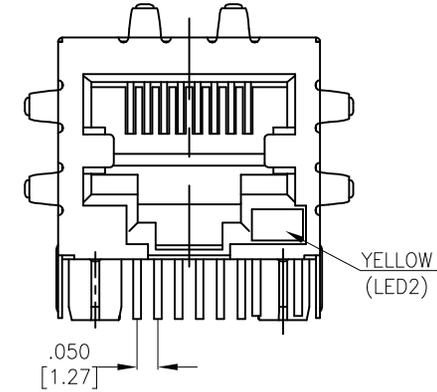
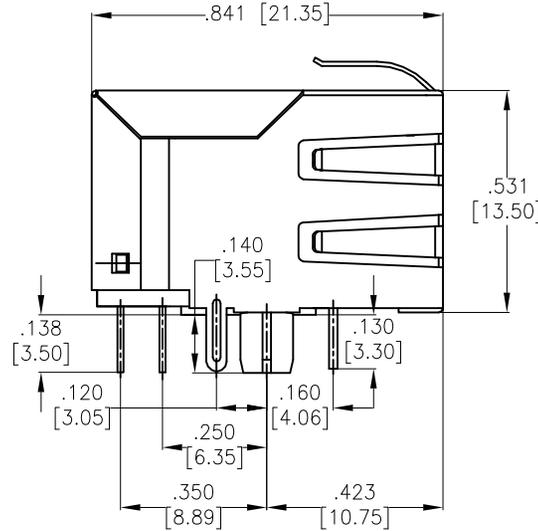
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Apr
-		RELEASED	10/25/17	



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Insulator: Thermoplastic, rated UL 94V-0
 Insulator 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: 1500VAC or 2250VDC
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.

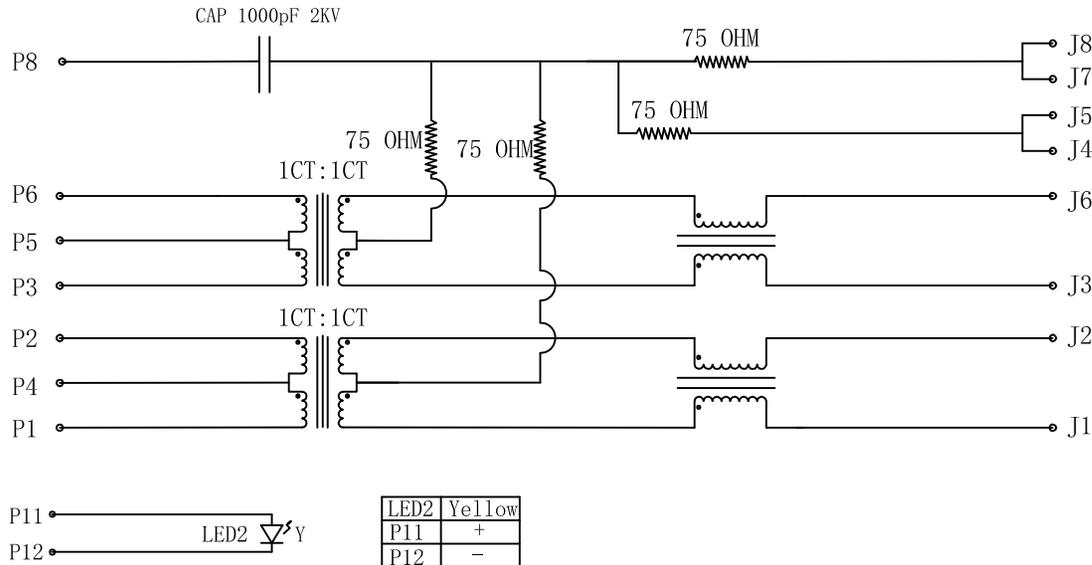


UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED INCHES HOLES			ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
.X	± .10	∅.X		
.XX	± .020	∅.XX	± .015	TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 BLANK, LED 2 YELLOW
.XXX	± .015	∅.XXX	± .010	
APPROVALS		DATE		
DRAWN	HR	10/25/17		
CHECKED	YC	10/25/17		
APPROVED				
SIZE	PART NO.	REV.		
X	MTJ-88TX1-FSD-PG-LC-M4	-		
REF:	S00005C	SCALE:	NTS	SHEET 1 OF 2

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

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

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APPROVED		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083
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TITLE: MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/ LED1 BLANK, LED 2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-LC-M4	-

REF: S00005C SCALE: NTS SHEET 2 OF 2