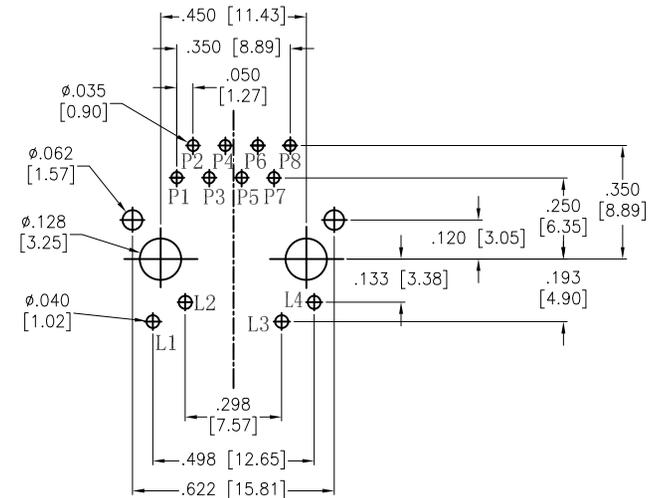
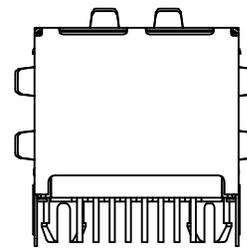
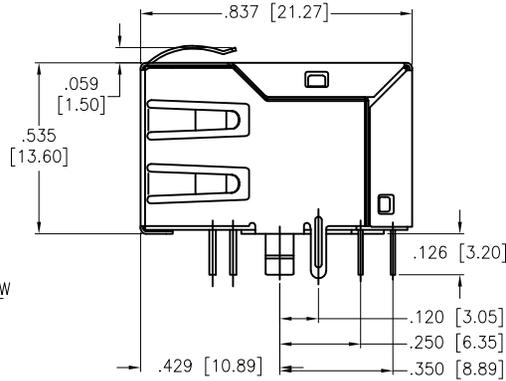
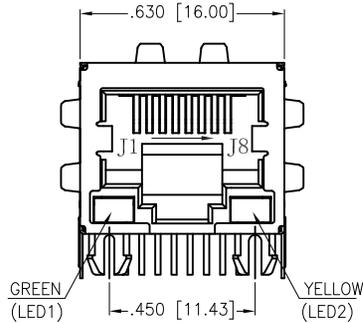
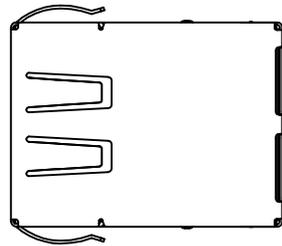
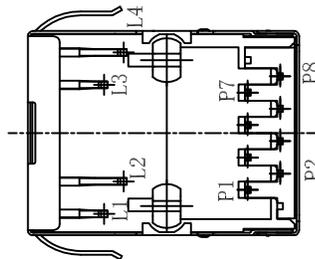


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/12/15	
A		REVISED LED POLARITY	7/8/15	HR/RT
B		UPDATE SPEC.	12/13/22	LH/TY



RECOMMENDED PCB LAYOUT



**SPECIFICATIONS:**

Material:  
 Insulator: Nylon 46, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Phosphor Bronze  
 Shield: Copper alloy, Nickel plated  
 Contact Plating:  
 Flat contact  
 Gold over Nickel underplate on contact area,  
 Tin over Copper underplate on solder tails  
 Round contact  
 Gold over Nickel underplate overall  
 Electrical:  
 Contact Resistance: 30 mohms max  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 1,500VAC for 1 minute  
 Temperature Rating:  
 Operating temperature: -0°C to +70°C  
 Storage temperature: -40°C ~ +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	HR	6/22/15
CHECKED	RT	6/22/15
APPROVED		

TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C  
 W/ LED1 GREEN, LED2 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-88TX1-FSD-PG-D1LH-M5D	REV. B
REF: S00131C-1	SCALE: NTS	SHEET 1 OF 2

6

5

4

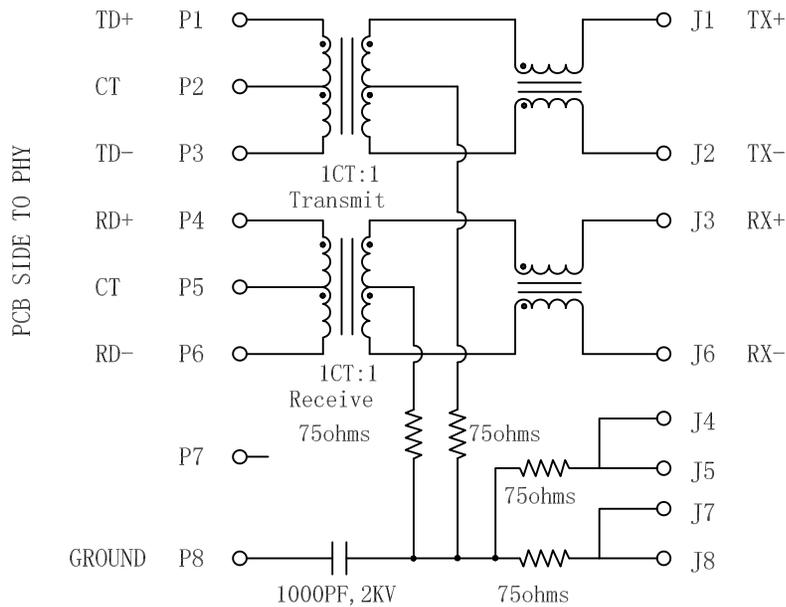
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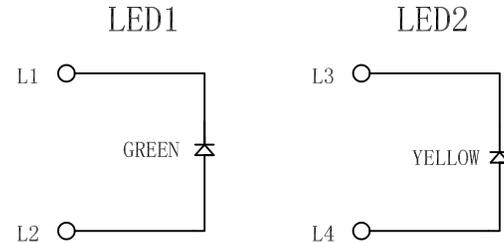
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APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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



CABLE SIDE



LED 1 POLARITY			LED 2 POLARITY		
L1	L2	COLOR	L3	L4	COLOR
-	+	GREEN	-	+	YELLOW

ELECTRICAL CHARACTERISTICS

- Turn Ratio: (P1-P3):(J1-J2)=1:1 ±3%  
(P4-P6):(J3-J6)=1:1 ±3%
- Primary Inductance: 350µH Min. @ 100KHz, 0.1Vrms, 8mA DC BIAS
- Hi-POT TEST: PCB Side To Cable Side 1500V AC
- Insertion Loss: 0.1MHz~100MHz: -1.1dB max
- Return Loss (Load: 100ohms): 1~30 MHz: -18dB min  
30~60 MHz: -12+20LOG(F/30)dB min  
60~80 MHz: -12dB min
- CM TO CM REJECTION: 1MHz~100MHz: -30dB min
- CM TO DM REJECTION: 1MHz~100MHz: -35dB min
- CROSS TALK: 1~100 MHz: -35dB min

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

.X ± .10	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010

DRAWN	HR	6/22/15
CHECKED	RT	6/22/15
APPROVED		

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TITLE MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED1 GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJ-88TX1-FSD-PG-D1LH-M5D	REV. B
REF: S00131C-1	SCALE: NTS	SHEET 2 OF 2

6

5

4

3

2

1