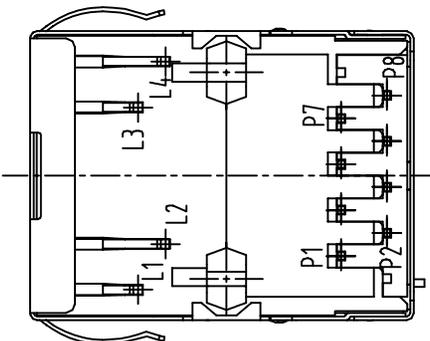
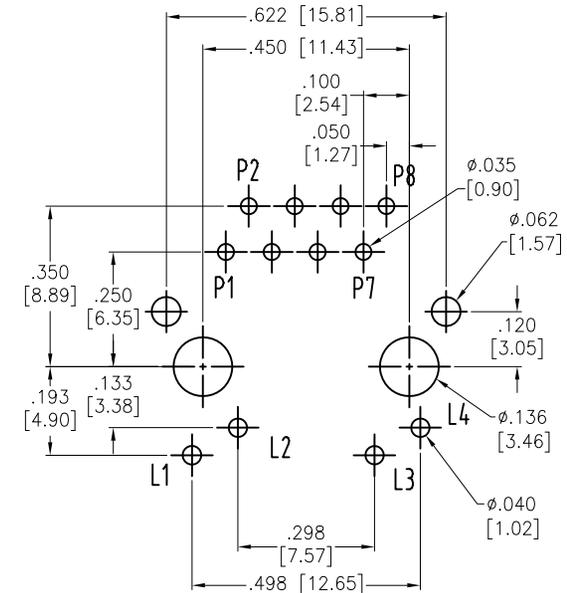
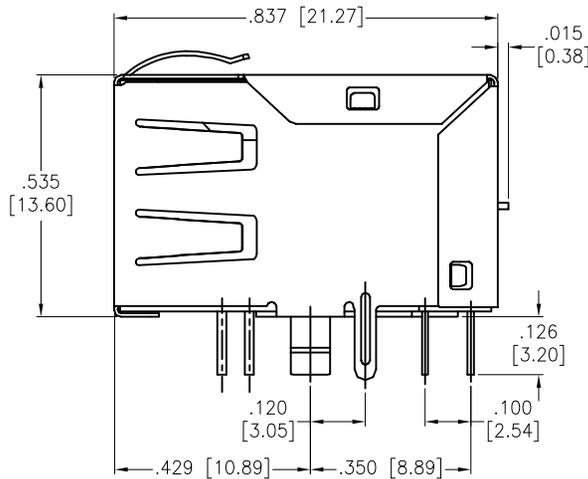
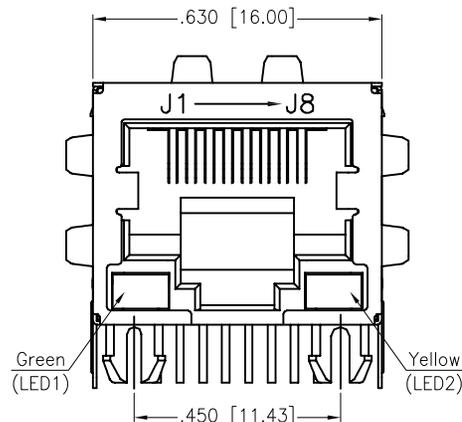


Rev	AWO #	Description	Date	Appr
-		RELEASED	11/29/11	
A		REDRAWN	07/10/12	
B		REVISED SHAPE	9/27/13	AY/EH
C		UPDATE SPEC.	11/15/16	AY/AT

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



**SPECIFICATIONS:**  
Material:  
Insulator: (Nylon 46) Hi-Temp Thermoplastic, rated UL 94V-0  
Insulator color: Black  
Contacts: Phosphor Bronze  
Shield: Copper Alloy, Nickel plated  
Contacts Plating:  
Round contact  
Gold over Nickel underplate overall  
Flat contact  
Gold over Nickel underplate on contact area,  
Tin over Nickel underplate on solder tails  
(See chart for thickness)  
Electrical:  
Contact Resistance: 30 mohms max.  
Insulation resistance: 500 Mohms min  
Dielectric withstanding voltage: 1,500 VAC for 1 minut  
Temperature Rating:  
Operating temperature: 0°C to +70°C  
Environmental:  
Lead free, RoHS compliant.

X	PLATING
0	15 $\mu$ n Gold
1	30 $\mu$ n Gold
2	50 $\mu$ n Gold
6	6 $\mu$ n Gold

APPROVALS		DATE
DRAWN	TW	11/29/11
CHECKED	AY	11/29/11
APPROVED		

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

**MTABEE**

TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C  
W/LED1 GREEN, LED2 YELLOW

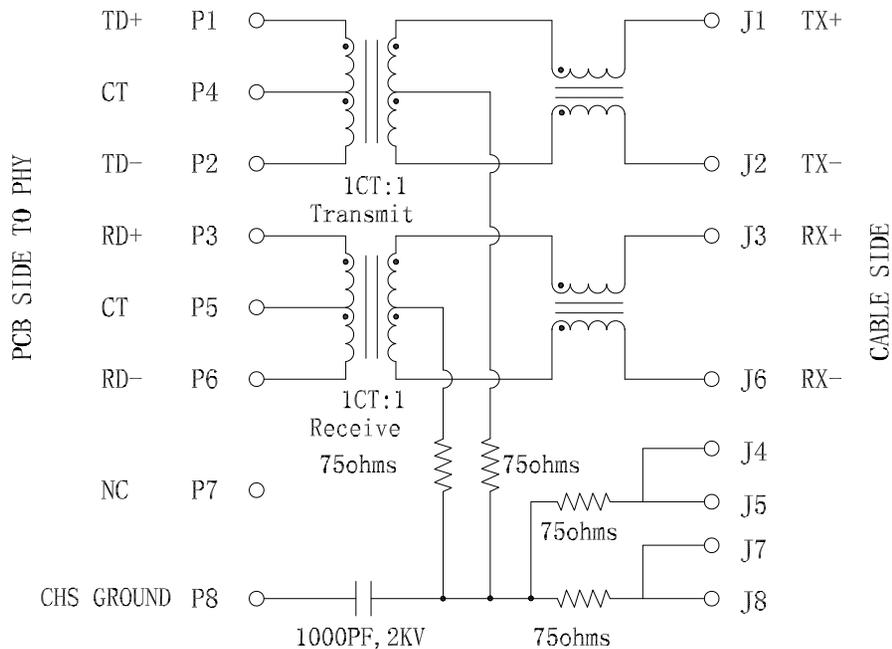
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-D1LH-M4-HT-A	C

REF: S00167T SCALE: NTS SHEET 1 OF 2



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

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



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

**ELECTRICAL CHARACTERISTICS**

- Turn Ratio: (P1-P2):(J1-J2)=1:1(±3%) (P3-P6):(J3-J6)=1:1(±3%)
- Primary Inductance: 350µH Min. @ 100kHz, 0.1Vrms, 8mADC BIAS
- Hi-POT TEST: PCB Side To Cable Side 1500VAC
- Insertion Loss: 0.1~100MHZ: -1.1dB MAX.
- Return Loss(Load: 100ohms): 1~30 MHZ: -18dB MIN  
 30~60 MHZ: -18+20LOG(f/30)dB MIN  
 60~80 MHZ: -12dB MIN
- CM TO CM REJECTION: 1~100 MHZ: -30dB MIN.
- CM TO DM REJECTION: 1~100 MHZ: -35dB MIN.
- CROSS TALK: 1~100 MHZ: -35dB MIN.

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

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



APPROVALS		DATE
DRAWN	TW	11/29/11
CHECKED	AY	11/29/11
APPROVED		

TITLE MODULAR JACK GANGED, 1 PORT, 8P8C W/LED1 GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJ-88TX1-FSD-PG-D1LH-M4-HT-A	REV. C
REF: S00167T	SCALE: NTS	SHEET 2 OF 2