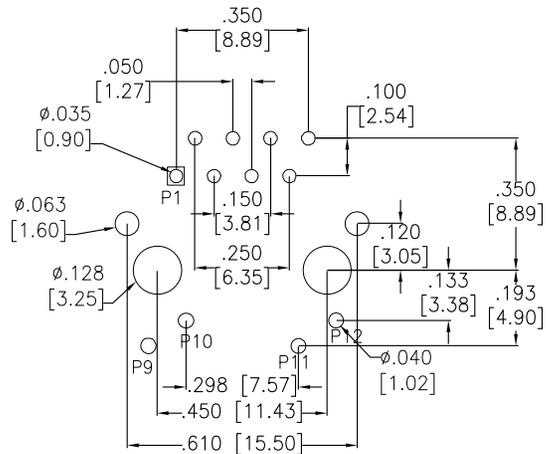
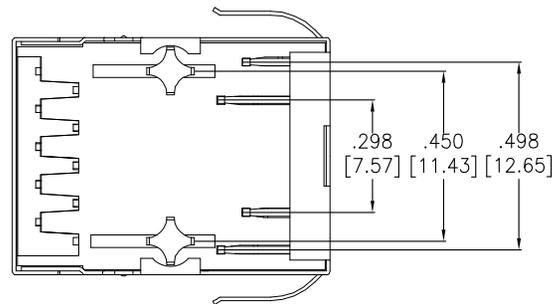
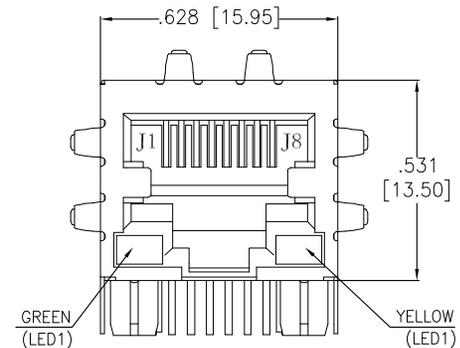
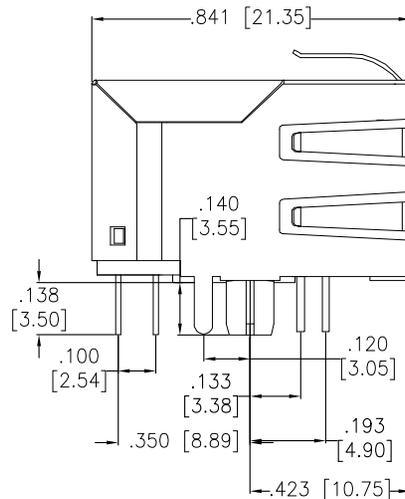


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/2/14	



RECOMMENDED PCB LAYOUT



**SPECIFICATIONS:**

Material:  
 Insulator: PBT, Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Copper Alloy  
 Shield: Copper Alloy, Nickel plated  
 Contact Plating:  
 Gold Flash over Nickel underplate on contact area,  
 Tin over Copper underplate on tails  
 (See chart for thickness).

Electrical:  
 Operating voltage: 125 VAC max  
 Current rating: 1.5 Amps max  
 Contact Resistance: 30 mohms max. initial  
 Insulation resistance: 500 Mohms min @ 500 VDC  
 Dielectric withstanding voltage: 1,500 VAC for 1 minut  
 Temperature Rating:  
 Operating temperature: -40°C to +85°C  
 Environmental:  
 Lead free, RoHS compliant.



X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold
6	6 µin Gold

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

APPROVALS		DATE
DRAWN	HR	10/2/14
CHECKED	LW	10/2/14
APPROVED		



TITLE  
 MODULAR JACK GANGED, 1 PORT, 8P8C  
 W/ LED 1 GREEN, LED 2 YELLOW

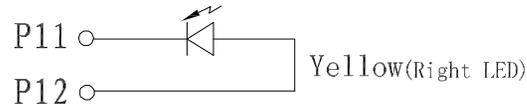
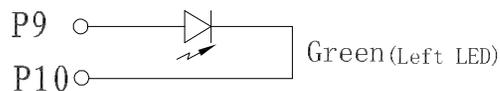
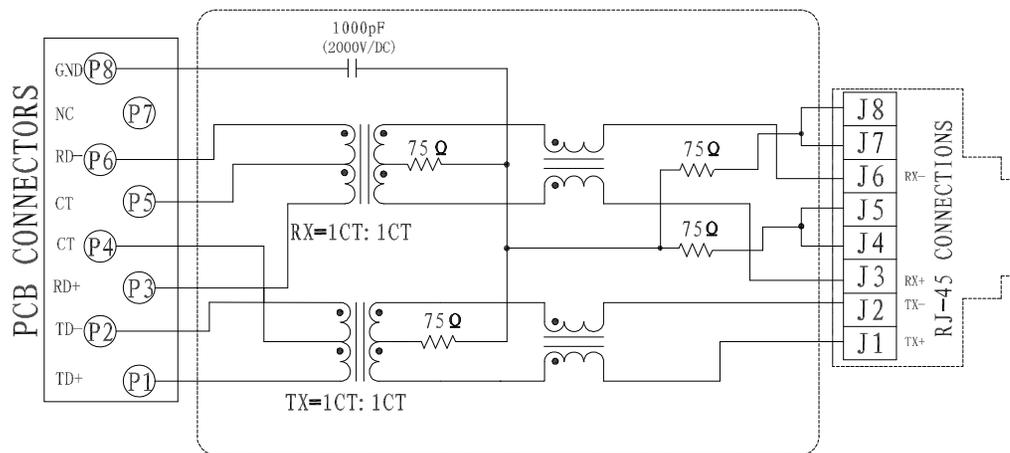
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-D1LH-M81W	-
REF:	S00257T	SCALE: NTS
		SHEET 1 OF 2

APPROVED: \_\_\_\_\_

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

Rev	AWO #	Description	Date	Appr
-----	-------	-------------	------	------

SEE SHT 1 OF 2 FOR REVISION



ELECTRICAL SPECIFICATIONS @ 25°C

- 1.1 Insulation Voltage: 1500 VAC (Input to Output)
- 1.2 OCL: 350uH min @ 100 KHz, 100mV, 8mA DC
- 1.3 Insertion Loss: 100KHz TO 100MHz : -1.2dB Max.
- 1.4 Return Loss: 1MHZ to 30MHz: -18 dB min  
30MHz to 60MHz: -14 dB min  
60MHz to 80MHz: -12 dB min
- 1.5 Common Mode Rejection: -30dB min @ 1MHz-100MHz
- 1.6 Cross Talk: 1MHz to 100MHz: -30dB min.

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



TITLE  
MODULAR JACK GANGED, 1 PORT, 8P8C  
W/ LED 1 GREEN, LED 2 YELLOW

APPROVALS		DATE
DRAWN	HR	10/2/14
CHECKED	LW	10/2/14
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-D1LH-M81W	-
REF: S00257T	SCALE: NTS	SHEET 1 OF 2