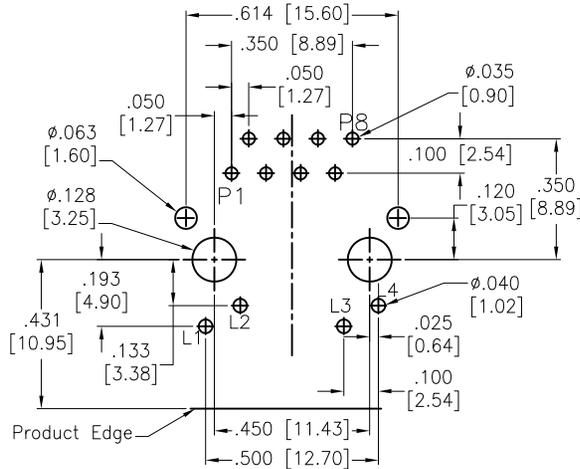
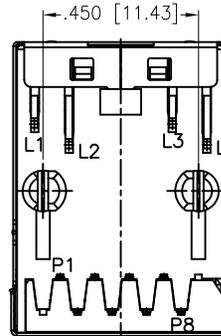
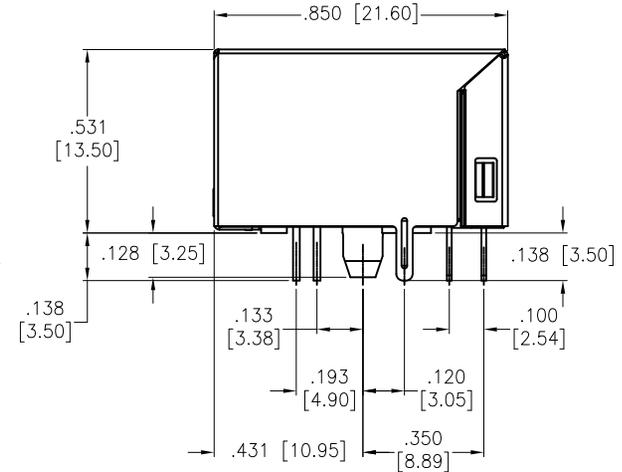
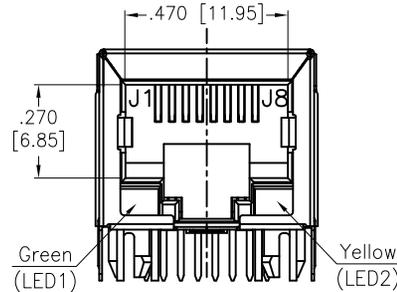
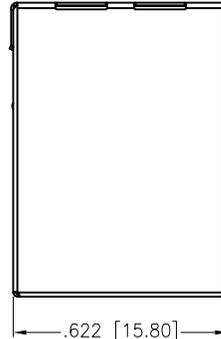


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/28/12	
A		REDRAWN	07/27/12	
B		REVISED SHAPE	08/06/13	
C		UPDATE DRAWING	10/20/20	OW/NL



RECOMMENDED PCB LAYOUT



**SPECIFICATIONS:**

Material:  
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Copper Alloy  
 Shield: Stainless steel, Nickel plated  
 Contact 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:  
 Contact Resistance: 30 mohms max  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 1500 VAC or 2250 VDC for 1 minute  
 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

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



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

APPROVALS		DATE
DRAWN	AY	6/28/12
CHECKED	LW	6/28/12
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-D1LH-M4-HT-A	C
REF:	S00167T	SCALE: NTS
		SHEET 1 OF 2

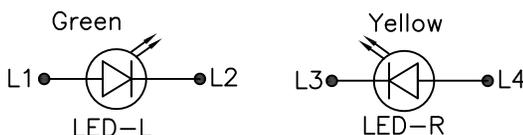
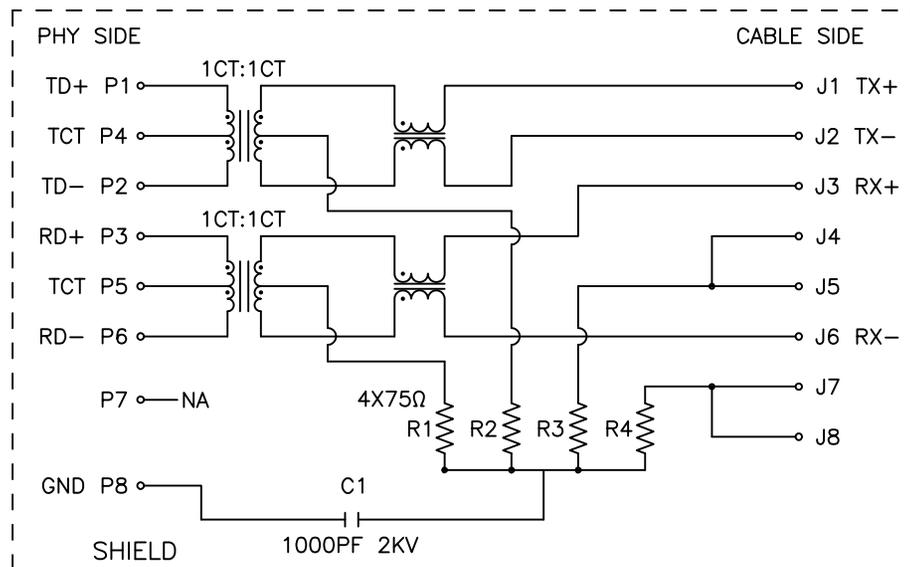
APPROVED: \_\_\_\_\_

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

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

### SCHEMATICS (10/100BASE)



#### SPECIFICATIONS:

- 10/100 BASE-T Ethernet Application;
- Meets IEEE 802.3 & ANSI X 3.263 Standards;
- Wave Soldering Temperature Capable 260+/-5°C;
- EU Rohs/ELV and GP Compliant,
- Operating Temperature: 0°C to +70°C;  
Storage Temperature: -40°C to +85°C;
- Contact Resistance: 30mΩ Max.;
- Insertion Force With The Latch Depressed: 30N Max. ;  
Removal Force With The Latch Depressed: 30N Max. ;  
Durability: 750 Cycles;
- Transmitter Filter & Receiver Filter:  
Insertion Loss: 1~100MHz -1.0dB Max. ;  
Return Loss: 1~30MHz -18dB Min. ;  
30~60MHz -16dB Min. ;  
60~80MHz -12dB Min. ;
- Comm Mode Rejection: @1~100 MHz -30dB Min. ;
- Cross Talk: @1~100 MHz -30dB Min. ;
- Inductance: @100 KHz, 0.1V, 8mA DC BIAS, 350uH Min. ;
- HiPot Test:  
Input To Output: 1500V Ac Or 2250V Dc @60S;

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



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

APPROVALS		DATE
DRAWN	AY	6/28/12
CHECKED	LW	6/28/12
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-D1LH-M4-HT-A	C
REF:	S00167T	SCALE: NTS
		SHEET 2 OF 2