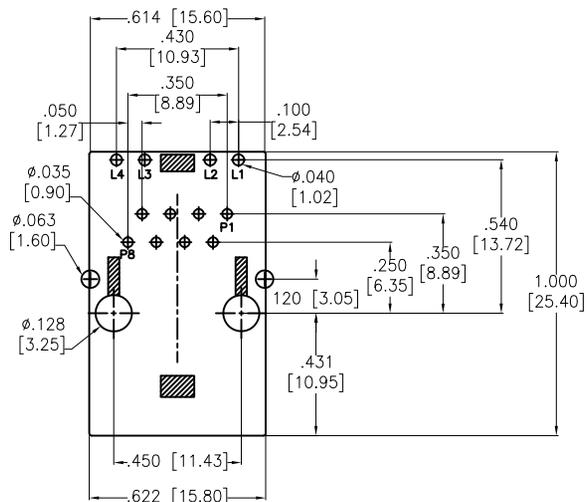


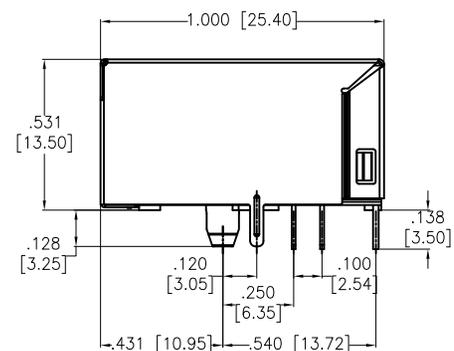
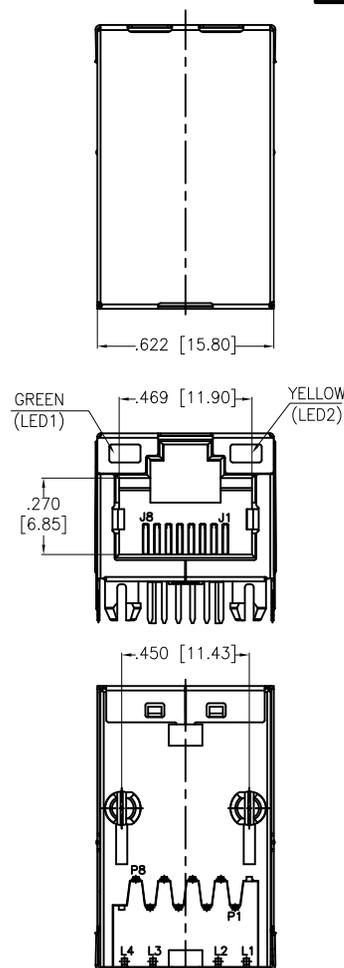
APPROVED: \_\_\_\_\_

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

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/24/14	
A		UPDATE DRAWING	8/22/19	LH/OC



RECOMMENDED PCB LAYOUT



**SPECIFICATIONS:**

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Input Contacts: Brass

Output Contacts: Phosphor Bronze

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.

Dielectric withstanding voltage: 1500 VAC or 2250 VDC for 1 minut

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

APPROVALS		DATE
DRAWN	AY	1/24/14
CHECKED	KW	1/24/14
APPROVED		



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

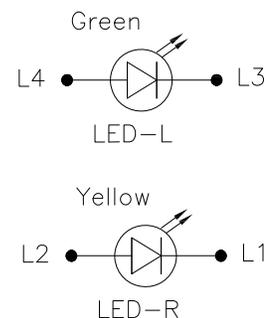
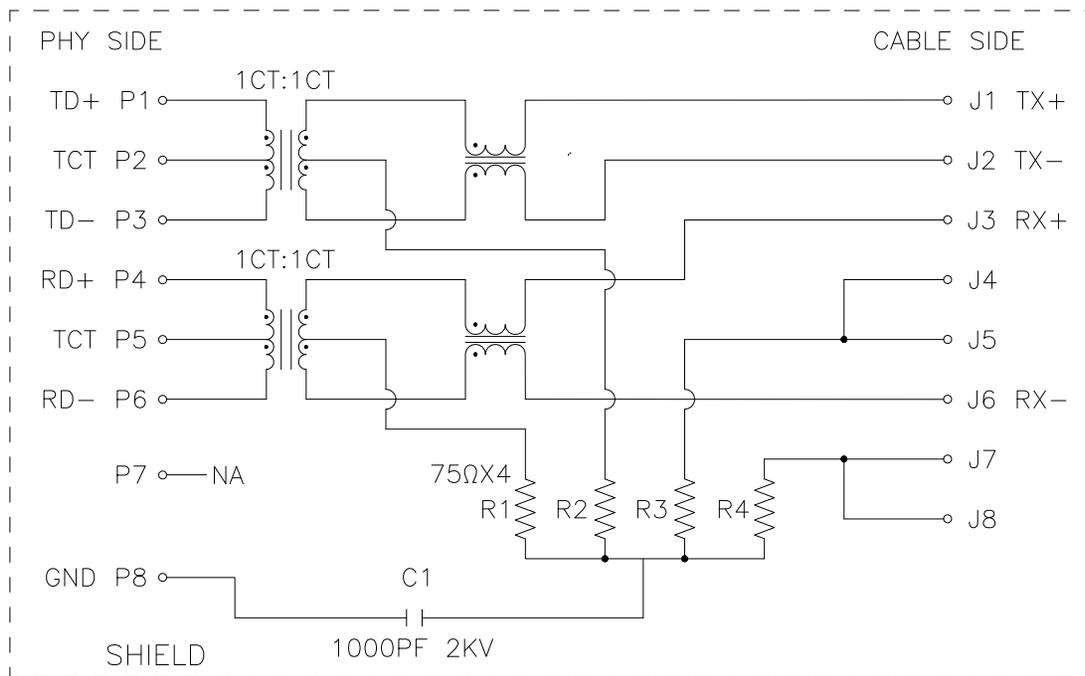
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-LG-M5D-HT	A
REF: S00167T	SCALE: NTS	SHEET 1 OF 2

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

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

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



SPECIFICATIONS:

- 1.10/100 BASE-T Ethernet Application;
- 2.Meets IEEE 802.3 & ANSI X 3.263 Standards;
- 3.EU Rohs/ELV and GP Compliant,
- 4.IR Reflow Soldering Temperature:260°C±5°C;
- 5.Operation Temperature: 0°C to +70°C;  
Storage Temperature: -40°C to +85°C;
- 6.Contact Resistance: 30mΩ Max.;
- 7.Insertion Force With The Latch Depressde: 30N Max.;
- Removal Force With The Latch Depressde: 30N Max.;
- Durability: 750 Cycles;
- 8.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. ;  
80~100MHz -10dB Min. ;
- 9.Comm Mode Rejection: @1~100 MHz -30dB Min.;
- 10.Cross Talk: @1~100 MHz -30dB Min.;
- 11.Inductance: @100 KHz, 0.1V, 8mA DC BIAS, 350uH Min.;
- 12.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	∅X ±.10
.XX ±.020	∅XX ±.015
.XXX ±.015	∅XXX ±.010



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

APPROVALS		DATE
DRAWN	AY	1/29/15
CHECKED	SL	1/29/15
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-LH-M5D-HT	A
REF:	S00167T	SCALE: NTS
		SHEET 2 OF 2