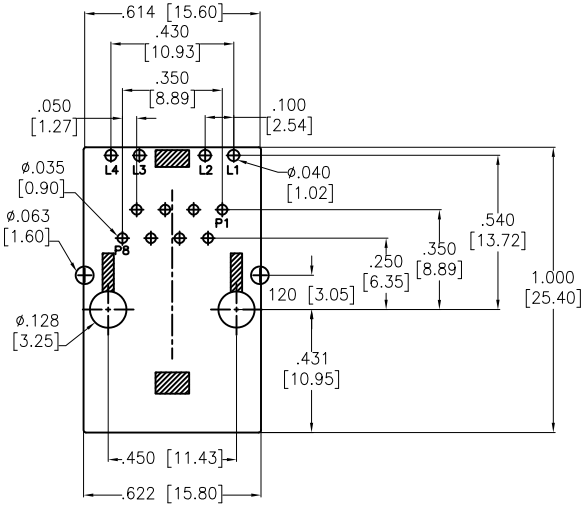
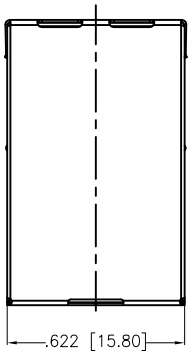
APPROVED: _____

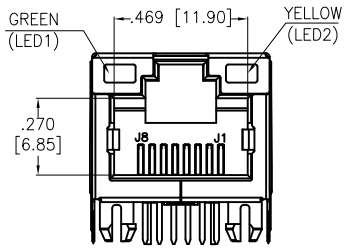
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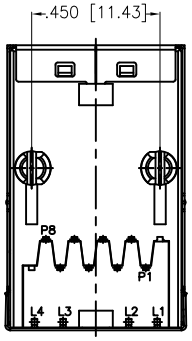
Rev	AWO #	Description	Date	Appr
-		RELEASED	1/24/14	
A		UPDATE DRAWING	8/22/19	LH/OC

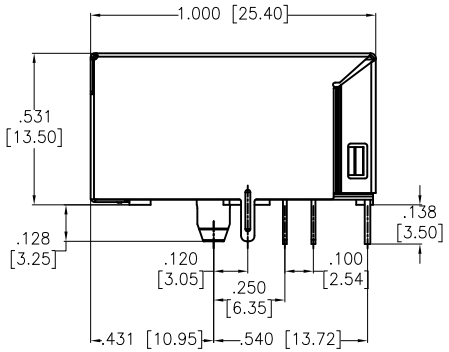


RECOMMENDED PCB LAYOUT









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.

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		

ADAM TECH INTERCONNECTS
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

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

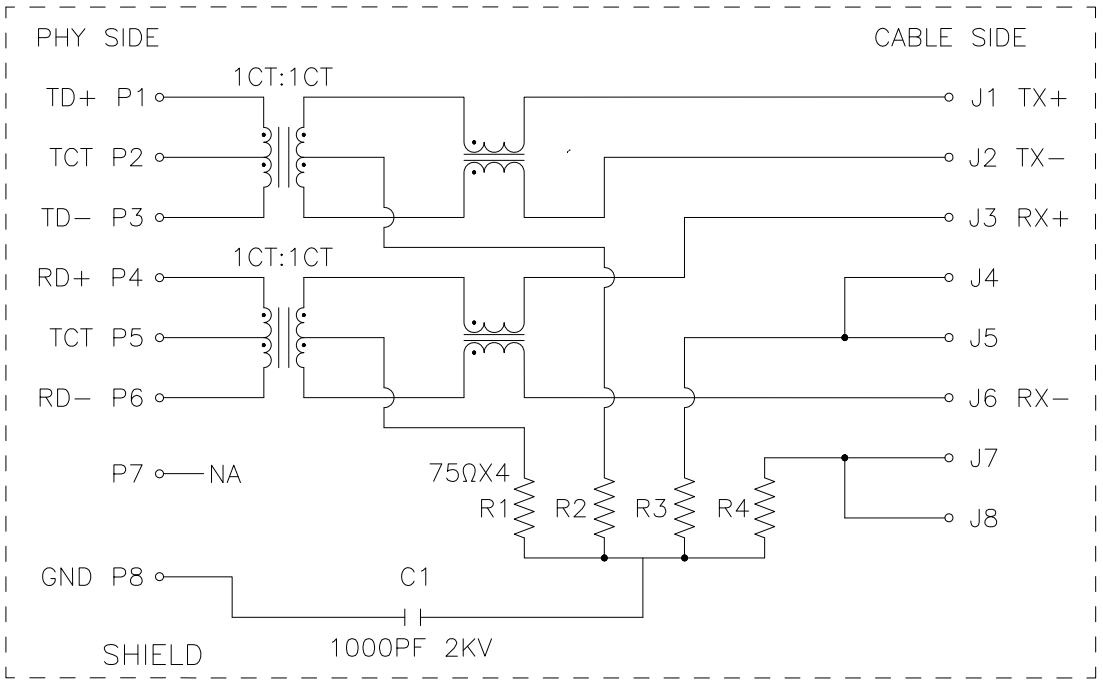
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-LG-M5D-HT	A

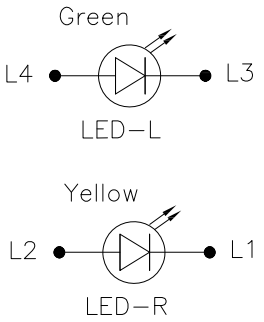
REF: S00167T | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





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

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

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

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-LH-M5D-HT	A

REF: S00167T | SCALE: NTS | SHEET 2 OF 2