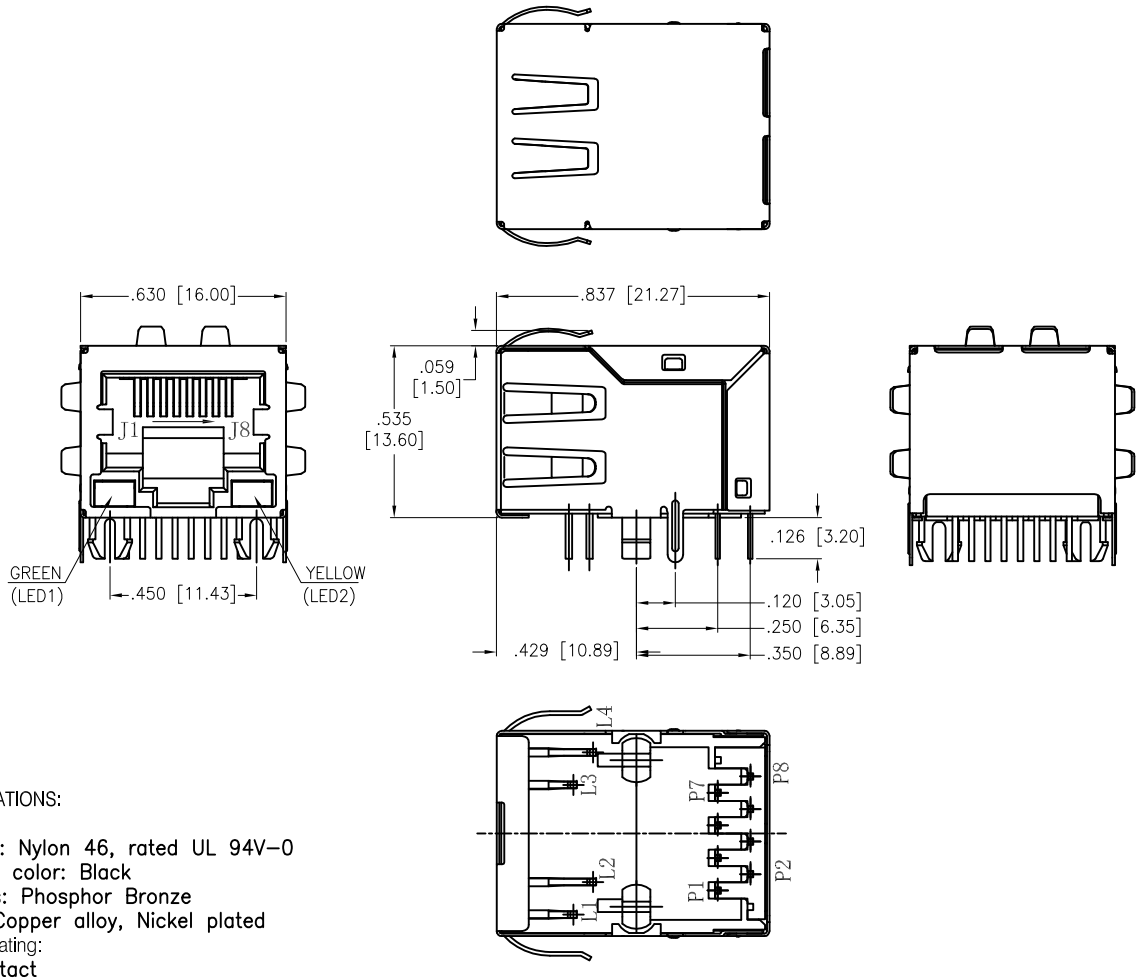
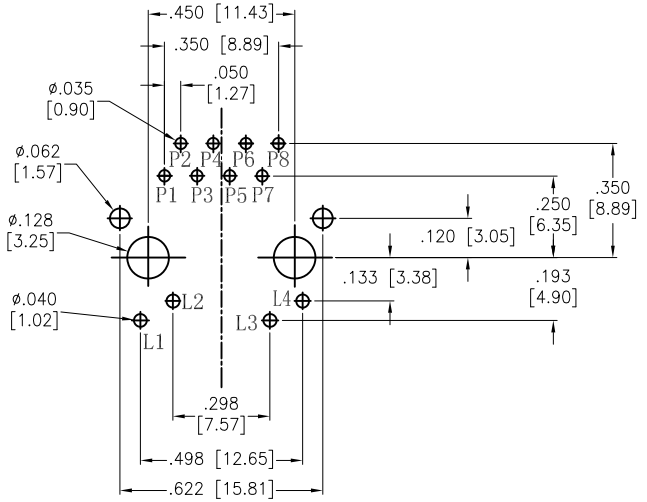
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/12/15	
A		REVISED LED POLARITY	7/8/15	HR/RT
B		UPDATE SPEC.	12/13/22	LH/TY





RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: Nylon 46, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Shield: Copper alloy, Nickel plated

Contact Plating:

Flat contact

Gold over Nickel underplate on contact area,
Tin over Copper underplate on solder tails

Round contact

Gold over Nickel underplate overall

Electrical:

Contact Resistance: 30 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1,500VAC for 1 minute

Temperature Rating:

Operating temperature: -0°C to +70°C

Storage temperature:-40℃~+85℃ B

Environmental:

Lead free, RoHS compliant. RoHS COMPLIANT

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

DRAWN	HR	6/22/15
CHECKED	RT	6/22/15
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

ADAM TECH
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

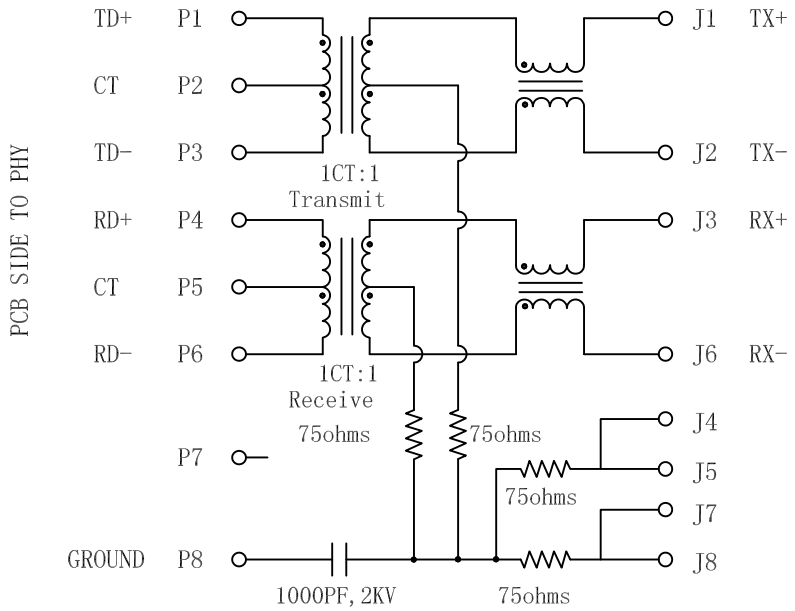
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-D1LH-M5D	B

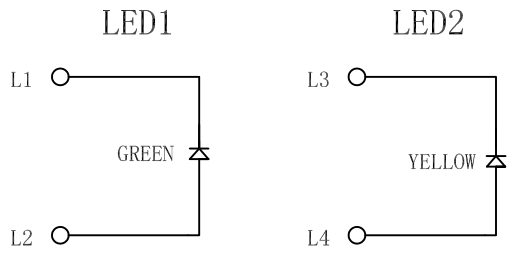
REF: S00131C-1 | SCALE: NTS | SHEET 1 OF 2

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

1. Turn Ratio: (P1–P3):(J1–J2)=1:1 ±3%
   (P4–P6):(J3–J6)=1:1 ±3%
2. Primary Inductance: 350µH Min. @ 100KHz, 0.1Vrms, 8mA DC BIAS
3. Hi-POT TEST : PCB Side To Cable Side 1500V AC
4. Insertion Loss: 0.1MHz~100MHz: -1.1dB max
5. Return Loss (Load: 100ohms): 1~30 MHz: -18dB min
   30~60 MHz: -12+20LOG(F/30)dB min
   60~80 MHz: -12dB min
6. CM TO CM REJECTION: 1MHz~100MHz: -30dB min
7. CM TO DM REJECTION: 1MHz~100MHz: -35dB min
8. CROSS TALK: 1~100 MHz: -35dB 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

DRAWN	HR	6/22/15
CHECKED	RT	6/22/15
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-D1LH-M5D	B

REF:	SCALE:	SHEET
S00131C-1	NTS	2 OF 2