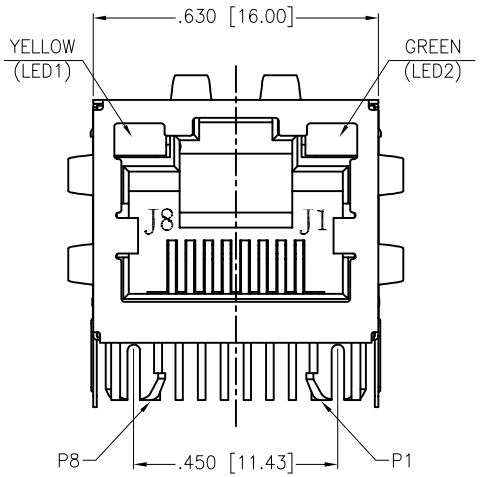
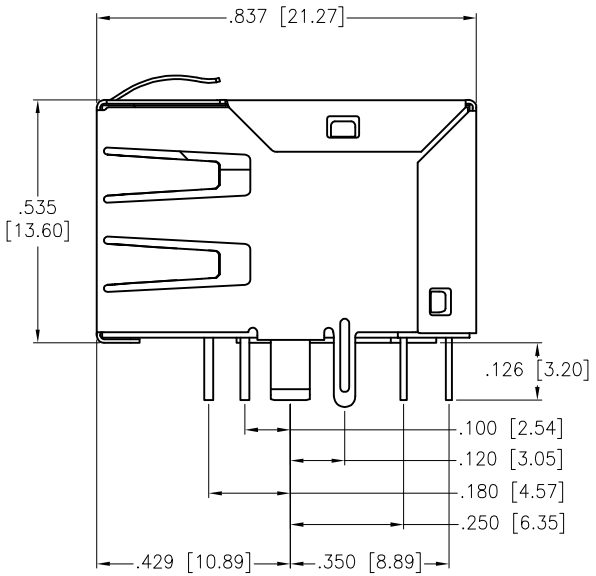
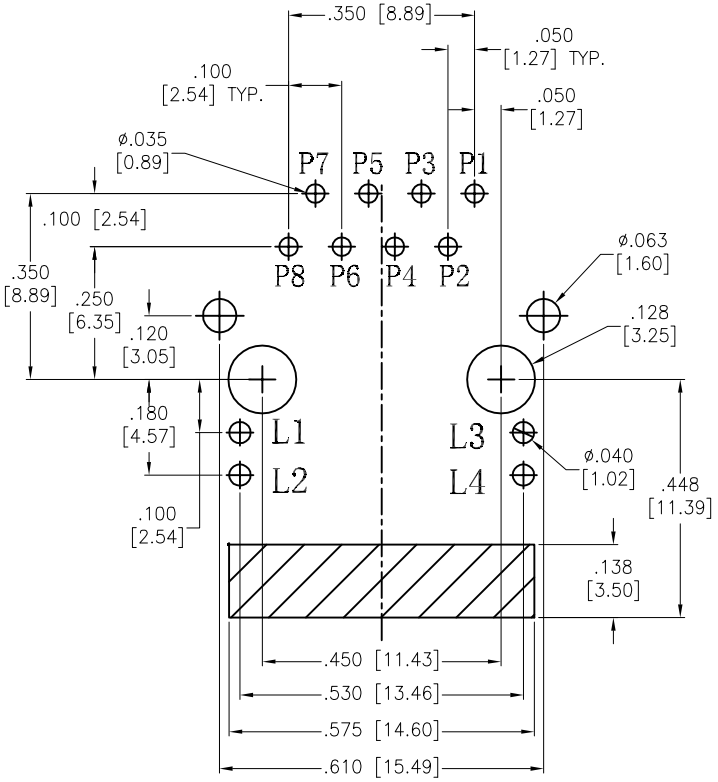
Rev	AWO #	Description	Date	Appr
-		RELEASED	7/22/16	

APPROVED: _____

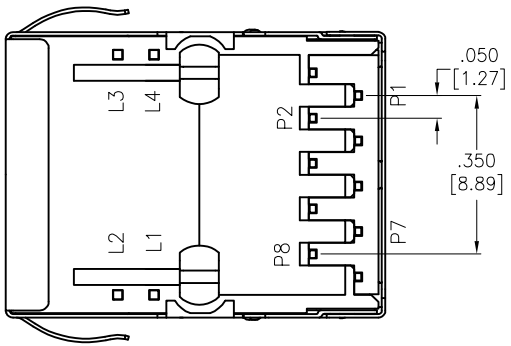
DATE: _____ TITLE: _____







RECOMMENDED PCB LAYOUT



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

SPECIFICATIONS:
Material:
Insulator: Nylon 46, rated UL 94V–0
Insulator color: Black
Contacts: Phosphor Bronze
Shield: Copper Alloy, Nickel plated
Plating:
Round contact
Gold over Nickel underplate overall
Flat contact
Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
(See chart for thickness)
Electrical:
Contact Resistance: 30 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 2,250 VDC for 1 minute
Temperature Rating:
Operating temperature: –40°C to +85°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	HR	7/22/16
CHECKED	TW	7/22/16
APPROVED		

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 YELLOW, LED2 GREEN

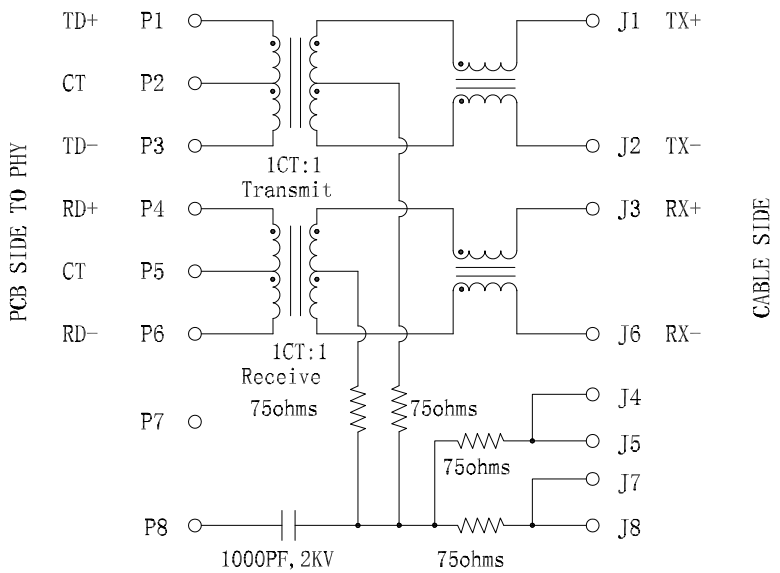
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLG-M5D	-

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

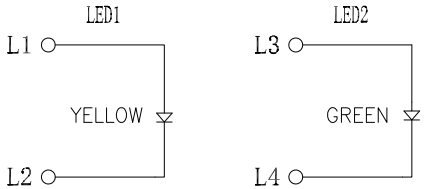
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____



LED 1 POLARITY			LED 2 POLARITY		
L1	L2	COLOR	L3	L4	COLOR
+	-	YELLOW	+	-	GREEN



ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO:
(P1-P3):(J1-J2)=1:1 ±3%.
(P4-P6):(J3-J6)=1:1 ±3%.

PRIMARY INDUCTANCE:
350uH MIN.@100KHz,100mVRMS,8mA DC BIAS.

HI-POT TEST:
PCB SIDE TO CABLE SIDE 2250V DC.

Insertion Loss:
0.1MHz~100MHz -1.1dB MAX.

Return Loss: (Load:100 ohms)
1MHz~30 MHz -18dB MIN.
30MHz~60 MHz -18+20Log(F/30)dB MIN
60MHz~80 MHz -12dB MIN.

CM to CM Rejection:
1MHz~100 MHz -30dB MIN.

CM to DM Rejection:
1MHz~100 MHz -35dB MIN.

Cross Talk:
1MHz~100MHz -35dB MIN.

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
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SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-VLG-M5D	-

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