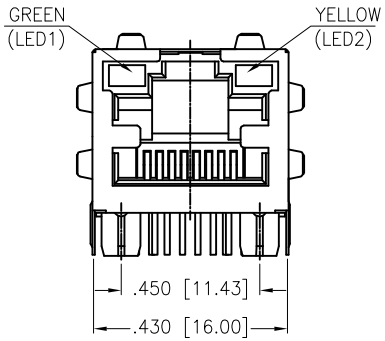
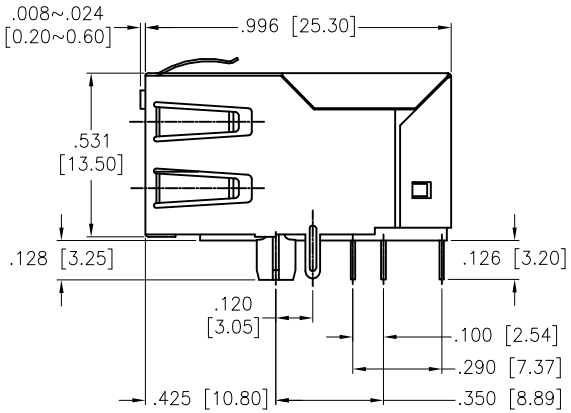
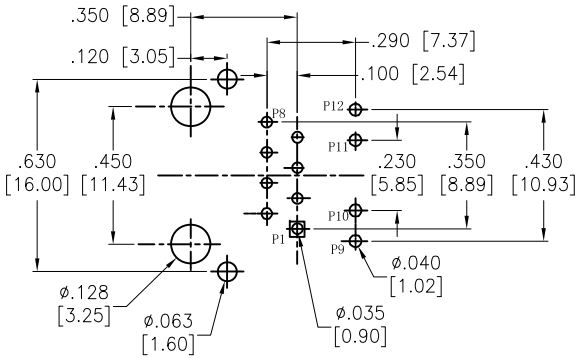
APPROVED: _____

DATE: _____ TITLE: _____

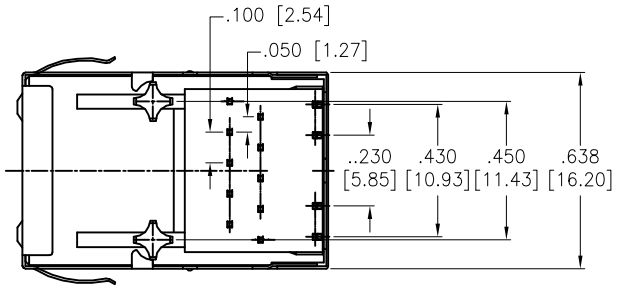
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/1/11	
A		UPDATED DRAWING	1/12/17	HR/MW







RECOMMENDED PCB LAYOUT



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

SPECIFICATIONS:

Material:

Housing: PA66, rated UL 94V–0, Color: Black

Inserter: PBT, rated UL 94V–0, Color: Black

Contacts: Copper Alloy

Shield: Brass, 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:

Voltage rating: 150 VAC max

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

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

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	3/1/11
CHECKED	SC	3/1/11
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 GREEN, LED2 YELLOW

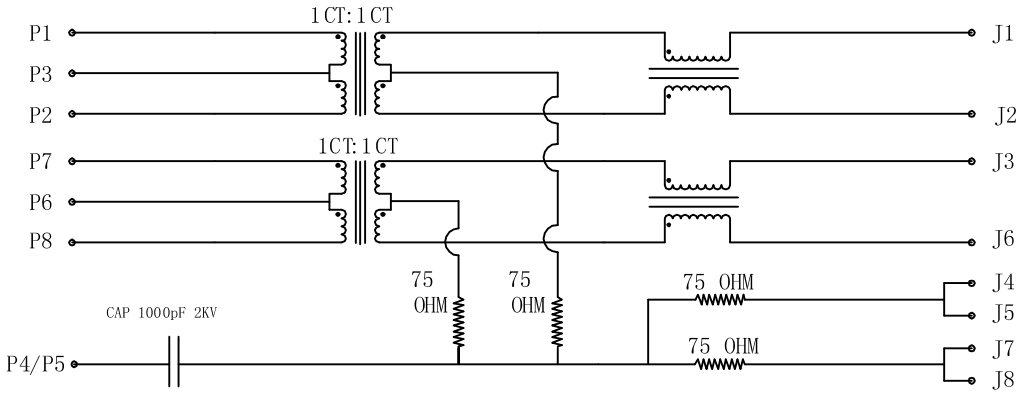
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-LH-M35	A

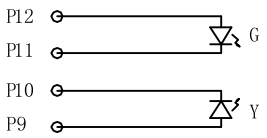
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





LED2	Yellow	LED1	Green
P9	+	P11	–
P10	–	P12	+

Electronical Specifications:

1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
   (P7~P8):(J3~J6) = 1:1±5%
2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
3. DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
4. Insertion Loss: 1–100MHz –1.2dB MAX
5. Return Loss: 1–30MHz –16dB MIN
   30–60MHz –12dB MIN
   60–80MHz –10dB MIN
6. CROSS TALK: 1–100MHz –30dB MIN
7. COMMON TO COMMON MODE ATTENUATION: 1–100MHz –30dB MIN
8. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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	3/1/11
CHECKED	SC	3/1/11
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-PG-LH-M35	A

REF: S00005C | SCALE: NTS | SHEET 2 OF 2