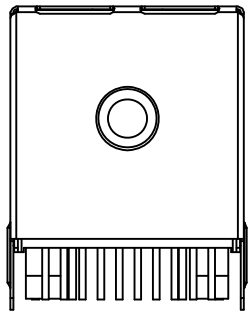
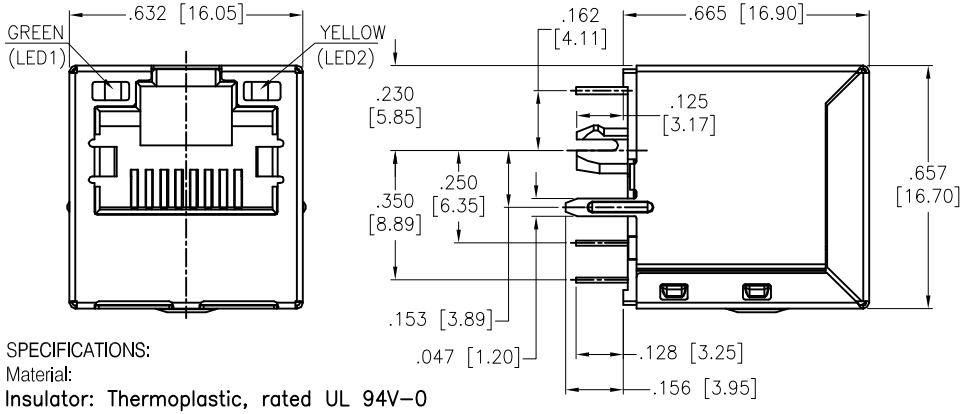
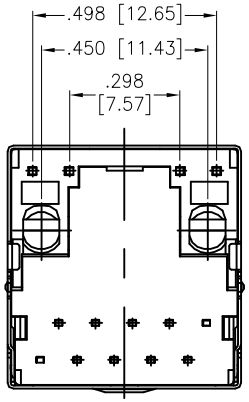
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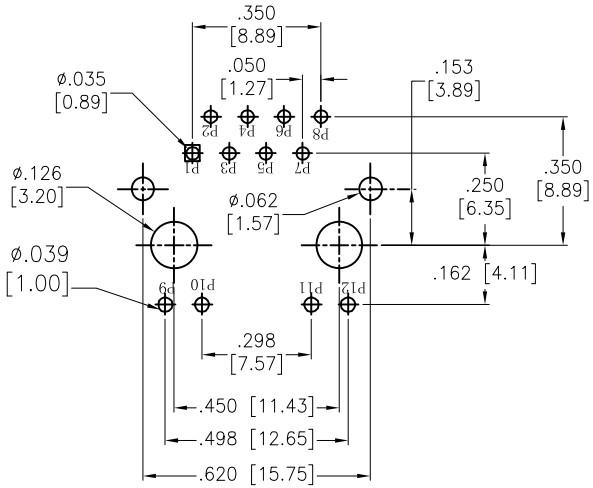
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/23/11	
A		REDRAWN	02/16/12	
B		UPDATED DRAWING	6/3/15	HR/SC









RECOMMENDED PCB LAYOUT

SPECIFICATIONS:
Material:
Insulator: Thermoplastic, rated UL 94V–0
Insulator 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:
Operating voltage: 150 VAC max
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1,500 VAC or 2,250 VDC for 1 minute
Temperature Rating:
Operating temperature: –0°C to +70°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

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

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	DY	7/07/10
CHECKED		
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

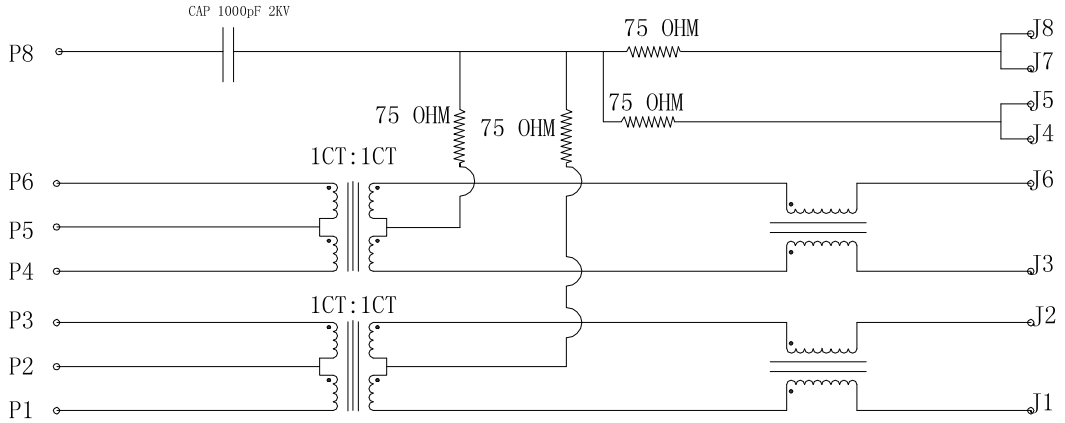
SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LH-M5	B

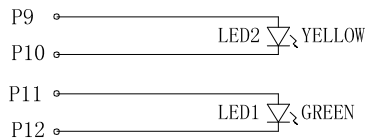
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





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

ELECTRICAL SPECIFICATIONS

1. Turns Ratio @ 100 kHz: (P1 ~ P3) : (J1 ~ J2) 1:1 ±5%
   (P4 ~ P6) : (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 to 100MHz : −1.2dB Max.
5. Return Loss: 1MHz to 30MHz: −16dB min.
   30MHz to 60MHz: −12dB min.
   60MHz to 80MHz: −10dB min.
6. Cross Talk: 1MHz to 100MHz: −30dB min.
7. Common to Common mode Attenuation 1MHz to 100MHz: −30dB MIN
8. Isolation: PHY Side to Line Side: 1,500 VAC or 2250 VDC

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	DY	7/07/10
CHECKED		
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LH-M5	B

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