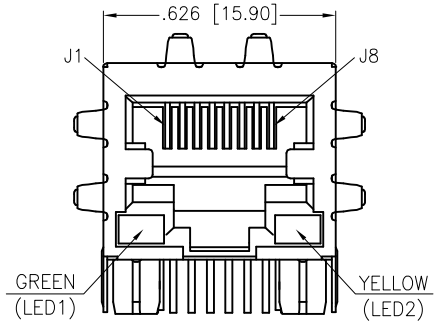
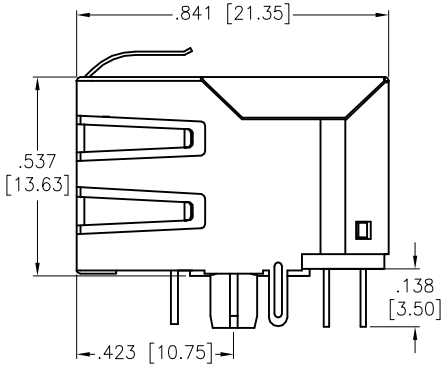
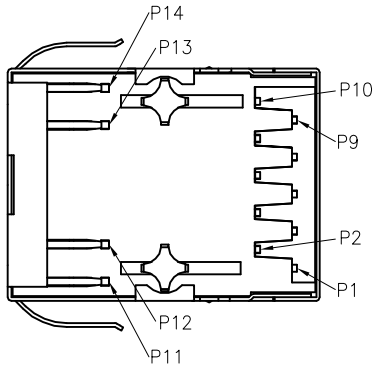
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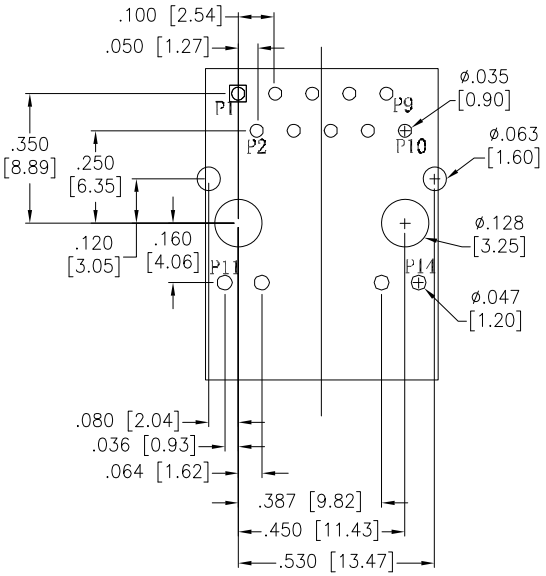
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/28/10	
A		UPDATE DRAWING	10/5/16	AY/CH









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:
Voltage Rating: 150 VAC
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 2250VDC 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	7/28/10
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

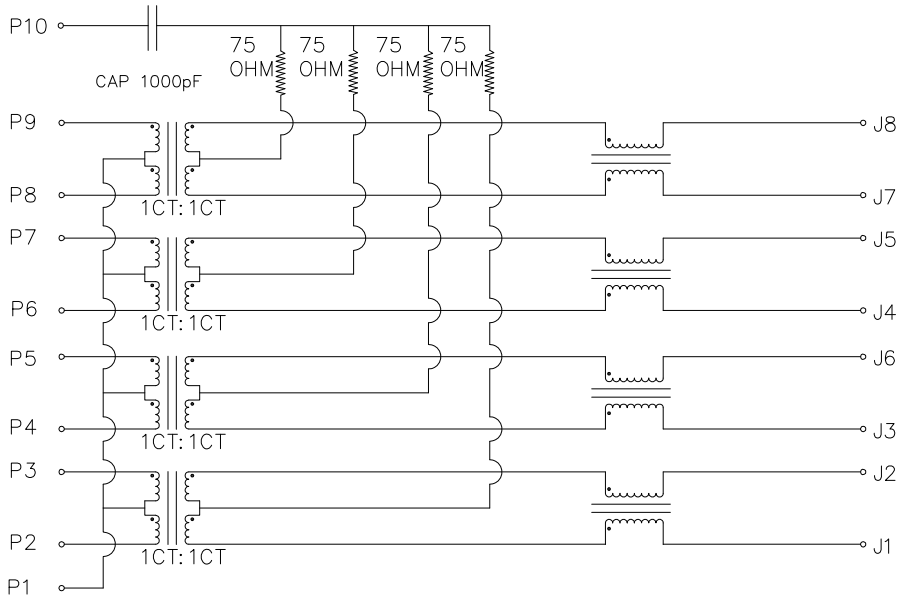
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-LH-M97	A

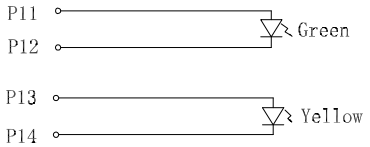
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





Pin	Green		Yellow
P11	+	P13	+
P12	−	P14	−

ELECTRICAL SPECIFICATIONS

1. Turns Ratio: (P2 ~ P3) : (J1 ~ J2) 1:1 ±5%
   (P4 ~ P5) : (J3 ~ J6) 1:1 ±5%
   (P6 ~ P7) : (J4 ~ J5) 1:1 ±5%
   (P8 ~ P9) : (J7 ~ J8) 1:1 ±5%
2. Primary Inductance: 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
3. DC Resistance: 1.2 Ohms
4. Insertion Loss: 1−100MHZ : −1.0dB Max.
   100−125MHZ : −1.2dB Max.
5. Return Loss: 1−40MHZ : −16dB Min.
   40−60MHZ : −12dB Min.
   60−80MHZ : −10dB Min.
   80−100MHZ : −8dB Min.
6. Cross Talk: 1−100MHZ: −30dB Min.
7. Common to Common mode Attention 1−100MHZ: −35dB Min.
8. Isolation: PHY Side to Line Side: 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	DY	7/28/10
CHECKED		
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-LH-M97	A

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