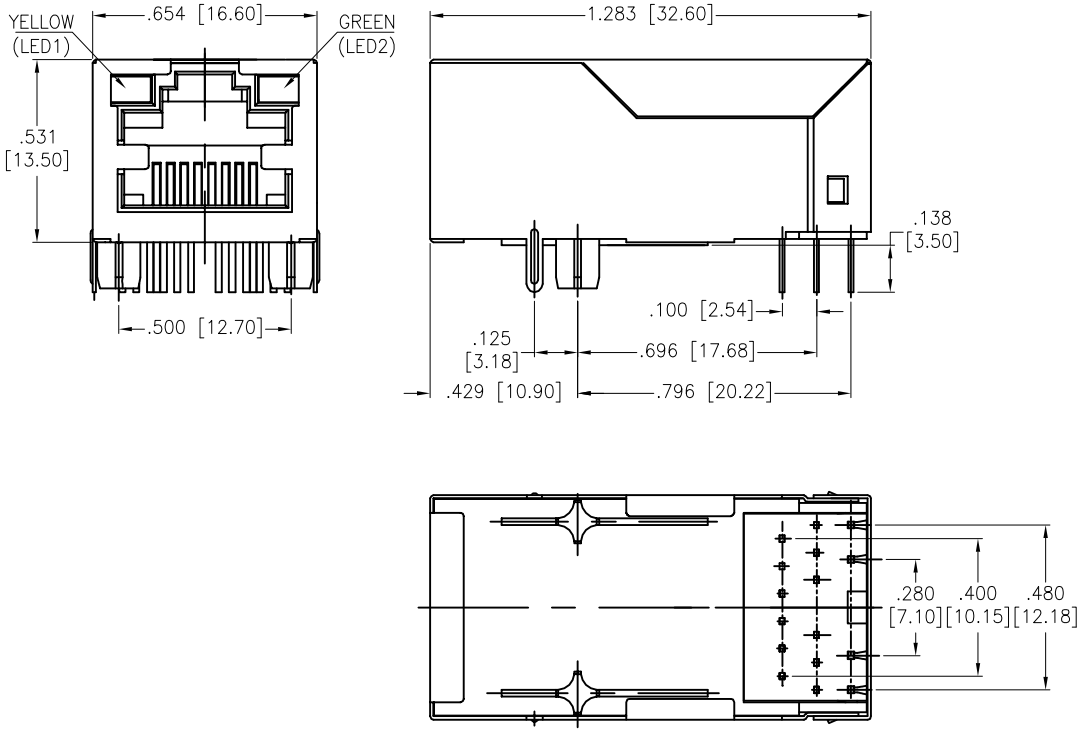
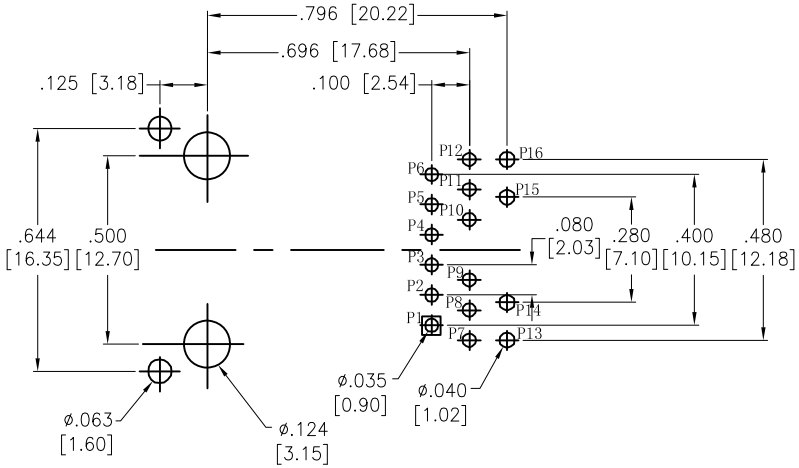
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/22/14	

APPROVED: _____

DATE: _____ TITLE: _____





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: 125 VAC max
Contact Resistance: 30 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1500 VAC 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

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	5/22/14
CHECKED	NP	5/22/14
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

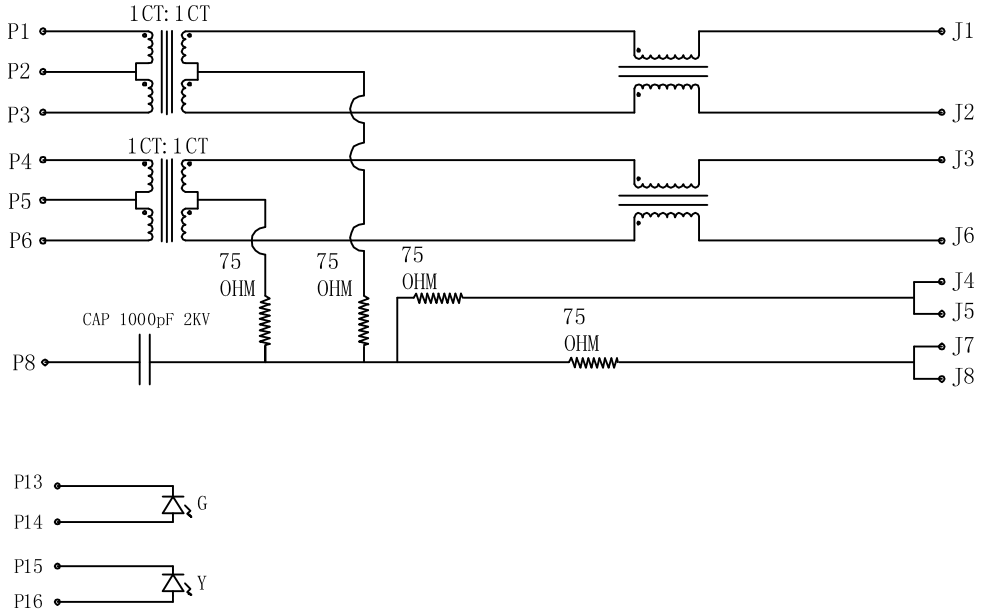
SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-LG-M5	-

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

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

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS

1. Turns Ratio: (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): 1.2Ohms 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 2250 VDC

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	Ø.X	±.10
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