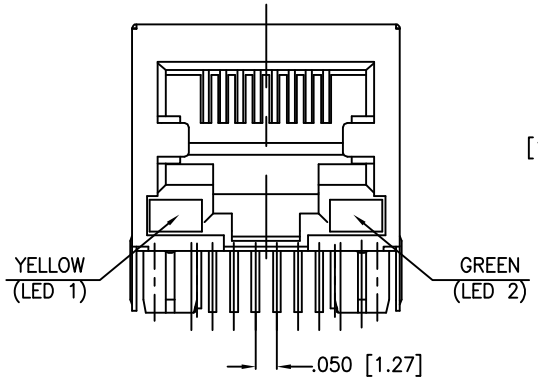
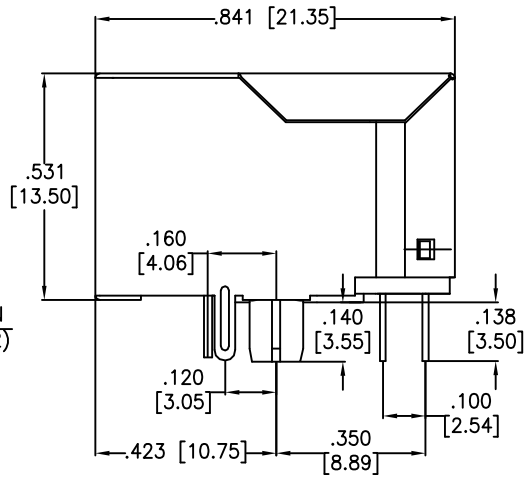
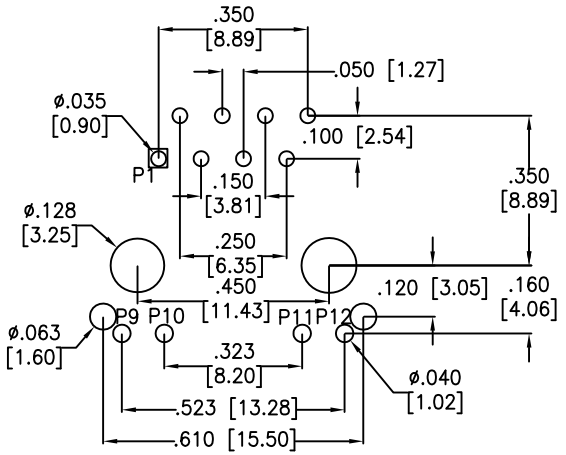
Rev	AWO #	Description	Date	Appr
-		RELEASED	4/15/14	

APPROVED: _____

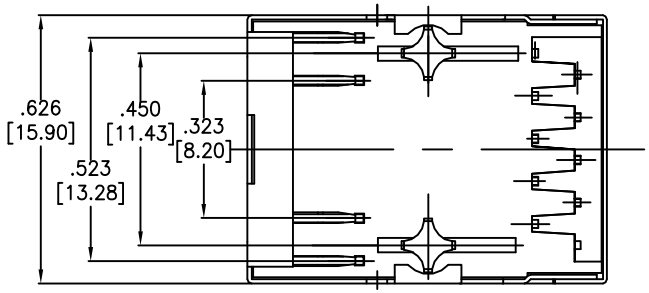
DATE: _____ TITLE: _____







RECOMMENDED PCB LAYOUT



SPECIFICATIONS:
Material:
Insulator: PBT, glass reinforced, rated UL 94V–0
Insulator color: Black
Contacts: Copper Alloy
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:
Operating voltage: 150 VAC max
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1000 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	4/15/14
CHECKED	GH	4/15/14
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

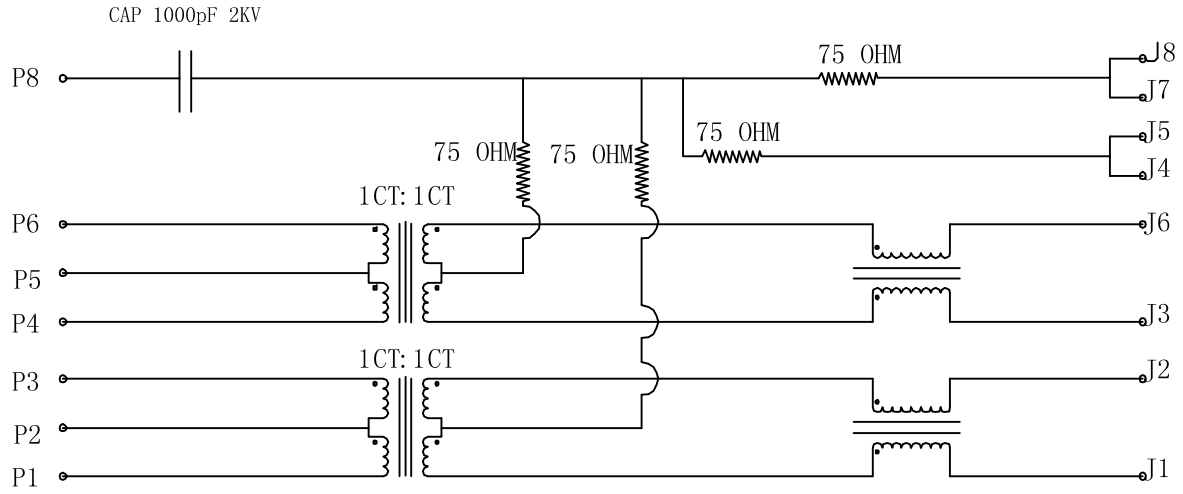
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSP-LG-M5	-

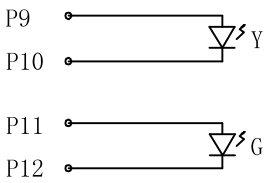
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





Pin	Yellow		Green
P9	+	P11	+
P10	−	P12	−

ELECTRICAL SPECIFICATIONS:

1. Turns Ratio: (P1~P3):(J1~J2) = 1:1±5%
   (P4~P6):(J3~J6) = 1:1±5%
2. Primary Inductance: 350uH min. @ 0.1V, 100KHZ, 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: 1−300MHz: −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	4/15/14
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TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED1 YELLOW, LED2 GREEN

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSP-LG-M5	-

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