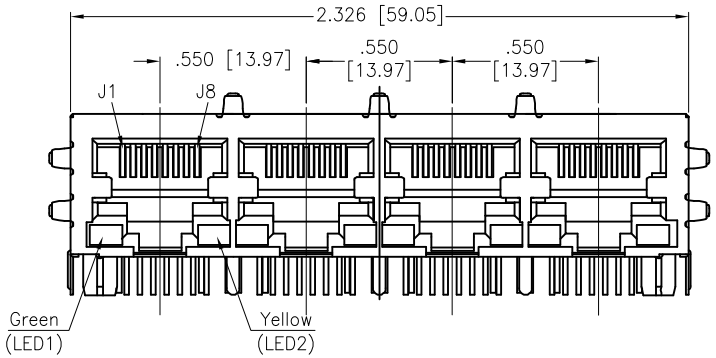
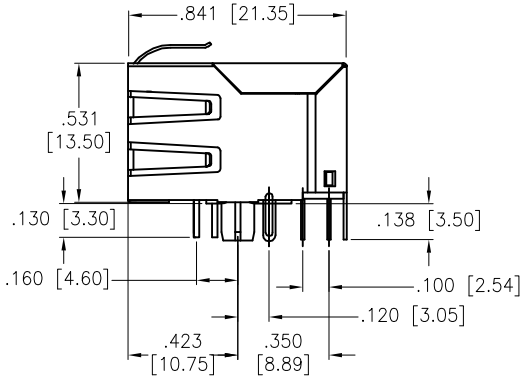
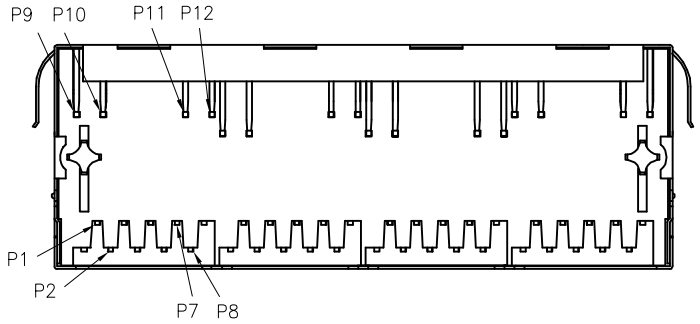
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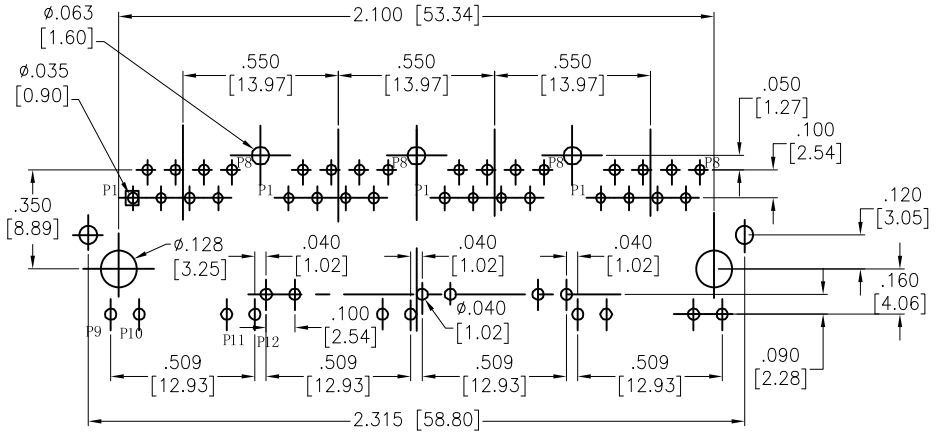
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/6/13	
A		REVISED SPEC.	12/26/13	AY/KW









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: 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
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	SS	12/6/13
CHECKED		
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908-687-5000 Fax: 908-687-5710

TITLE: MODULAR JACK GANGED, 4 PORT, 8P8C W/LED1 GREEN, LED2 YELLW

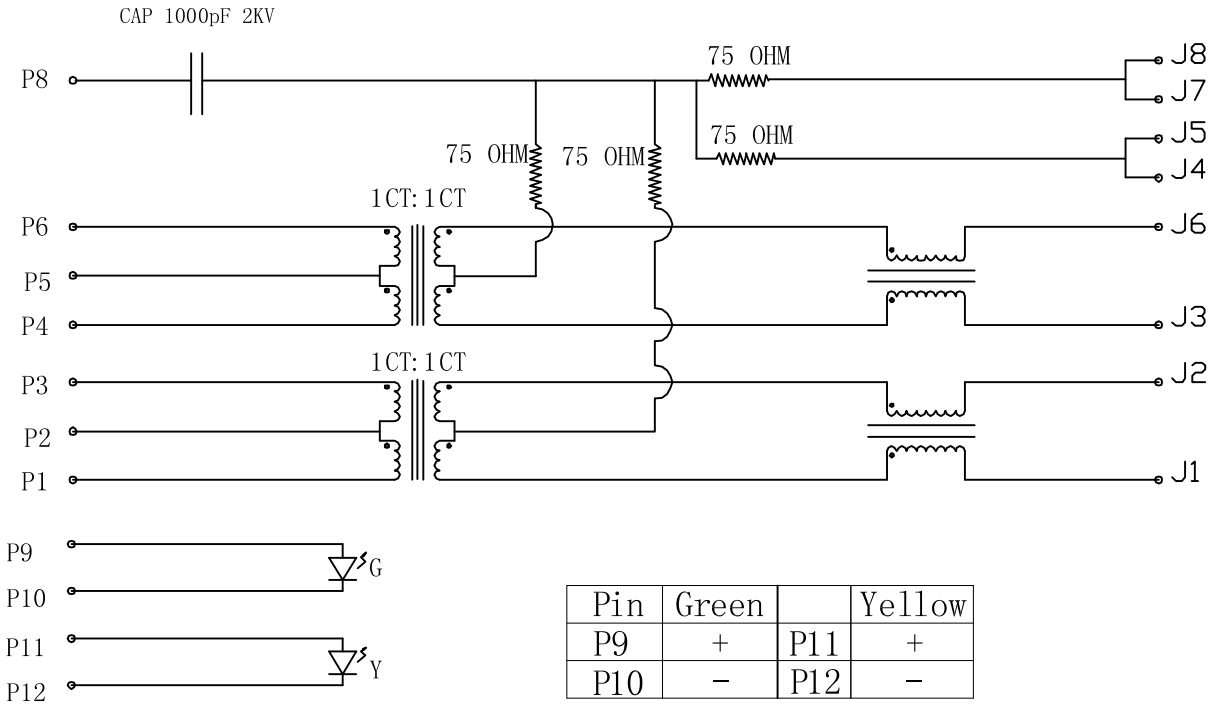
SIZE	PART NO.	REV.
X	MTJG-4-88TX1-FSD-PG-LH-M5	A

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
P9	+	P11	+
P10	−	P12	−

ELECTRICAL SPECIFICATIONS:

1. Turns Ratio @100KHz: (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: 1~100MHZ : −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	SS	12/6/13
CHECKED		
APPROVED		

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TITLE: MODULAR JACK GANGED, 4 PORT, 8P8C W/LED1 GREEN, LED2 YELLW

SIZE	PART NO.	REV.
X	MTJG-4-88TX1-FSD-PG-LH-M5	A

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