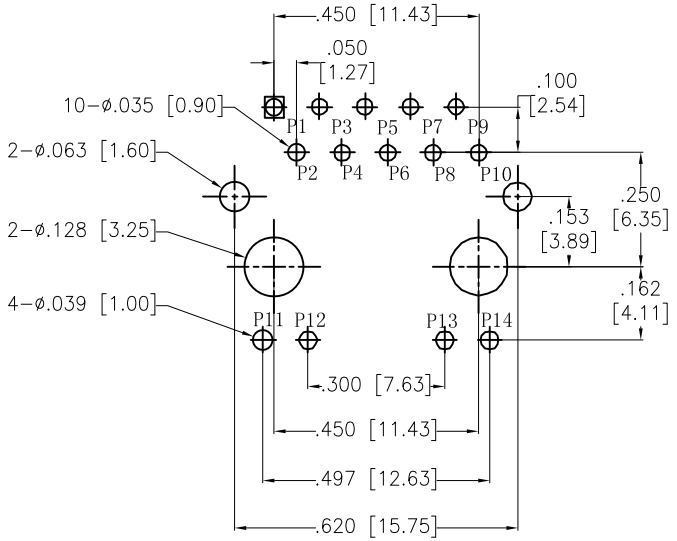
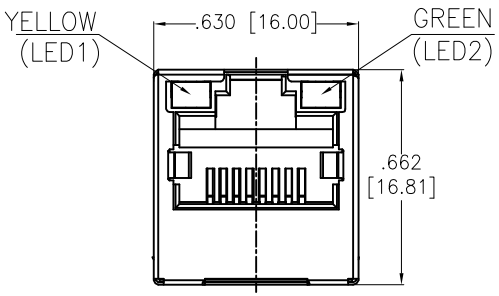
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/25/13	

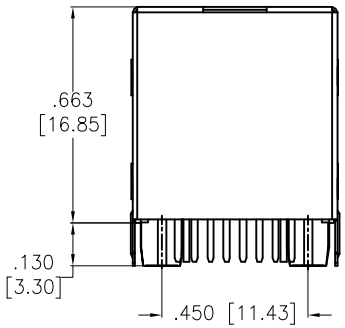
APPROVED: _____

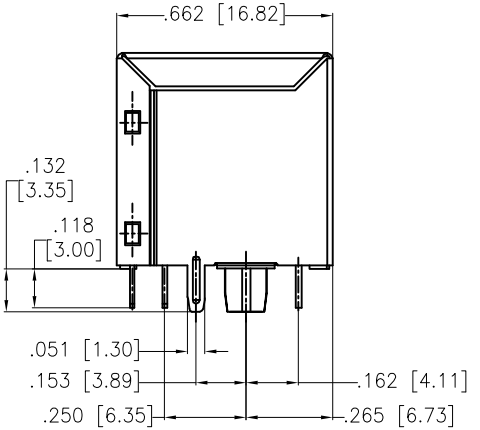
DATE: _____ TITLE: _____

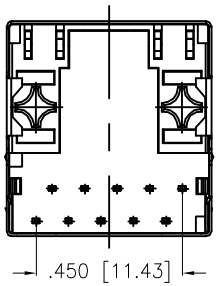


RECOMMENDED PCB LAYOUT









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

SPECIFICATIONS:
Material:
Insulator: Thermoplastic, 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: 1500 VAC for 1 minute
Temperature Rating:
Operating temperature: 0°C to +70°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

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	12/25/13
CHECKED	KW	12/25/13
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, STAR PEG

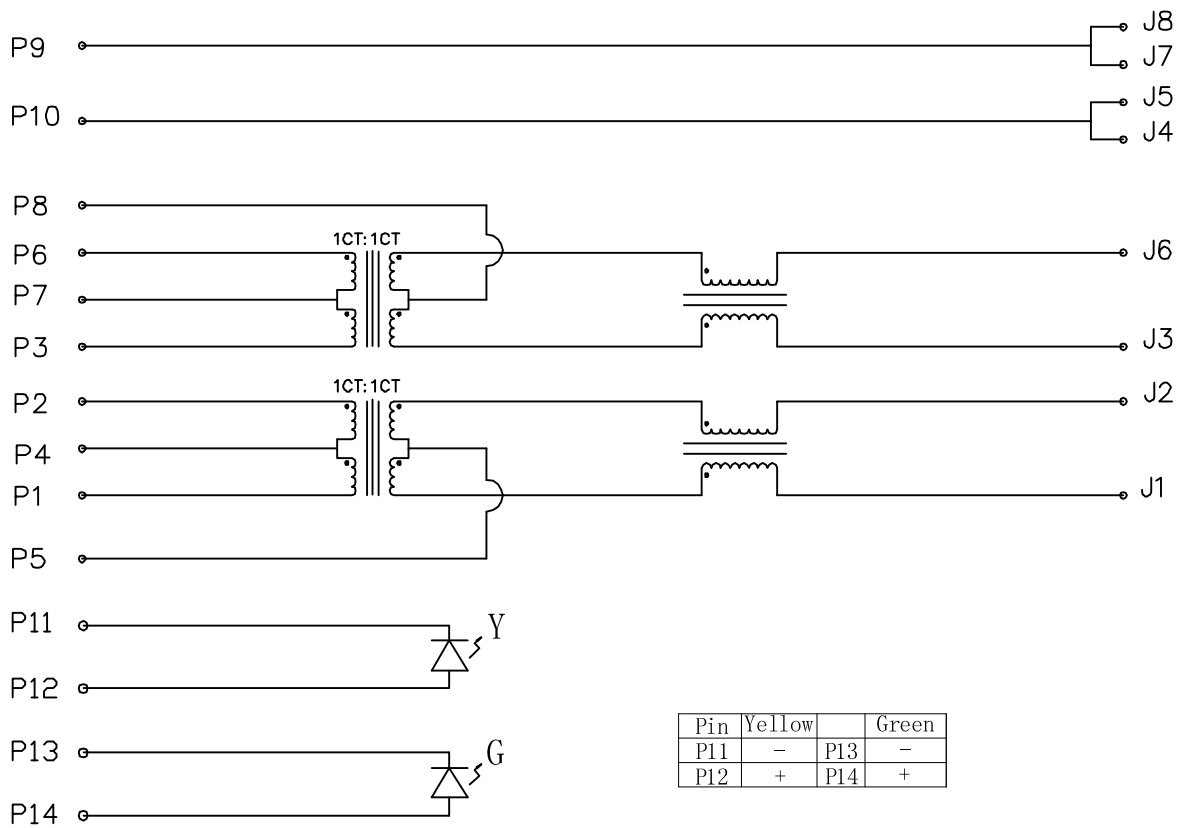
SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LG-STP-M36	-

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
P11	–	P13	–
P12	+	P14	+

ELECTRICAL SPECIFICATIONS

1. Turn Ratio @100KHzZ: (P1 ~ P2) : (J1 ~ J2) 1:1 ±5%
   (P3 ~ P6) : (J3 ~ J6) 1:1 ±5%
2. 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: 1–30MHz –16dB Min.
   30–60MHz –12dB Min.
   60–80MHz –10dB Min.
6. Cross Talk: 1–100MHz –30dB Min.
7. Common to Common mode Attention 1–100MHZ –30dB Min.
8. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC
9. DC Current/Voltage Rating–Pse Pins: 350mA @57VDC (CONTINUOUS)

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	12/25/13
CHECKED	KW	12/25/13
APPROVED		

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

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LG-STP-M36	-

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