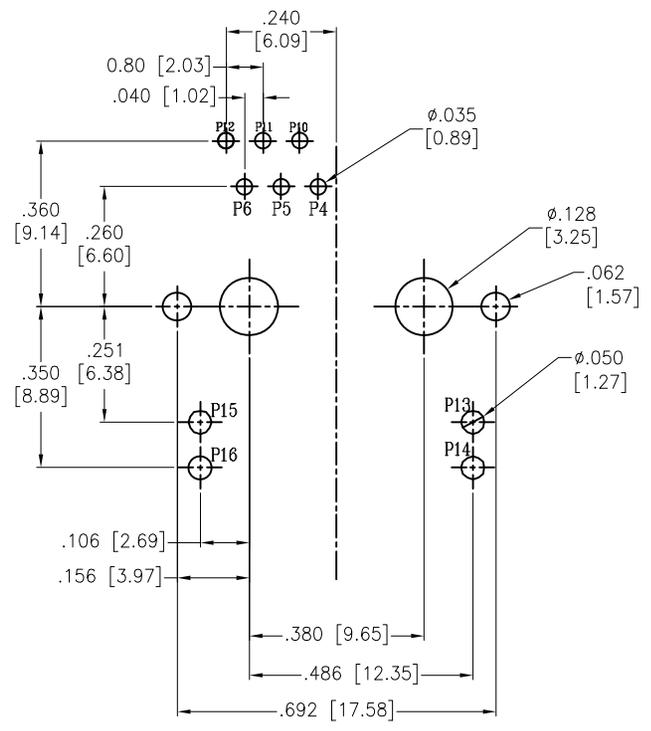
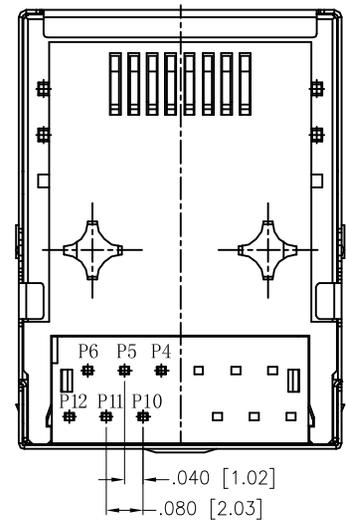
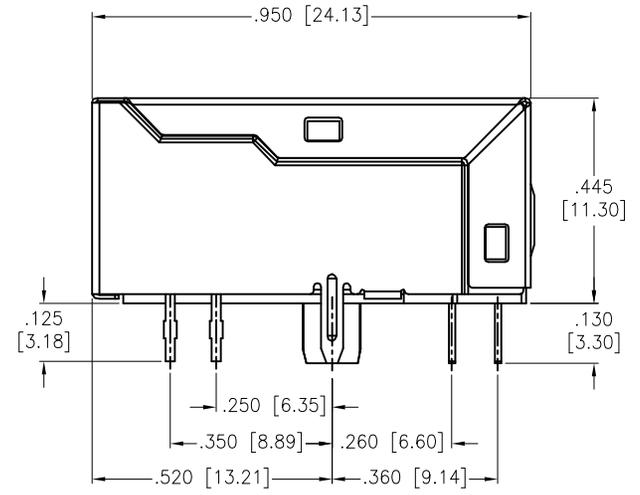
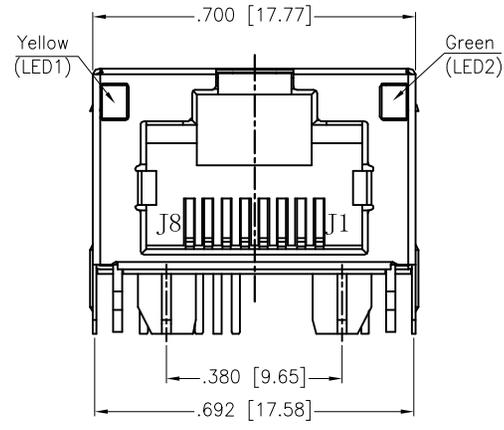


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	7/29/16	



RECOMMENDED PCB LAYOUT



X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold
6	6 µin Gold

SPECIFICATIONS:
 Material:
 Insulator: PA66, rated UL 94V-0, Color: Black
 Inserter; PBT, rated UL 94V-0, Color: Black
 Contacts: Phosphor Bronze
 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: 1,500 VAC or 2250 VDC for 1 minute
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, 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	HR	7/29/16
CHECKED	SC	7/29/16
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

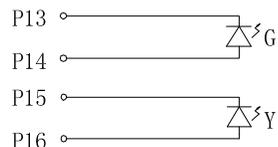
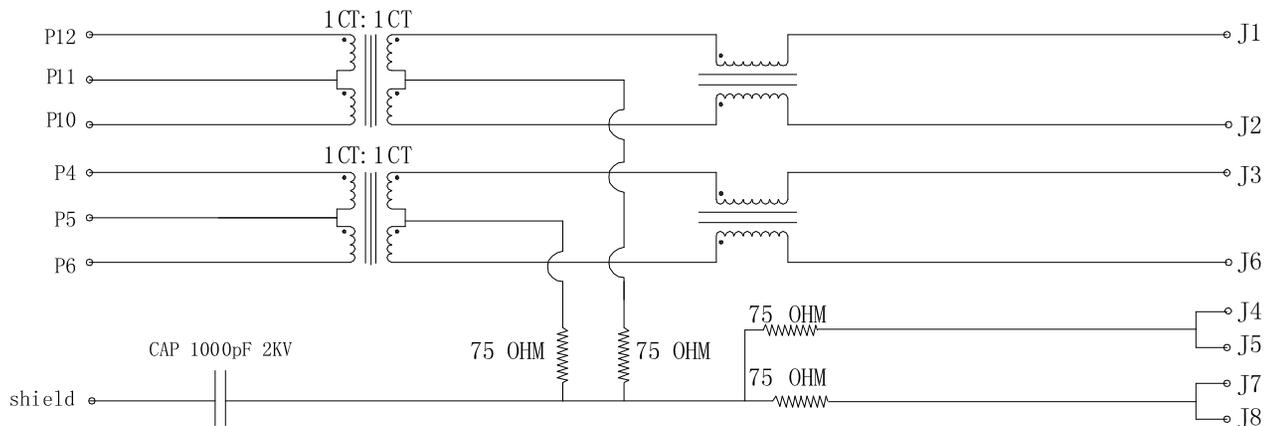
SIZE	PART NO.	REV.
X	MTJ-88SUX1-FS-VLG-M252C	-

REF: S00005C SCALE: NTS SHEET 1 OF 2

APPROVED: _____
 DATE: _____ TITLE: _____

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



LED1	Yellow	LED2	Green
P15	-	P13	-
P16	+	P14	+

ELECTRICAL SPECIFICATIONS

- 1.0 Turns Ratio @ 100KHz: (P12 ~ P10) : (J1 ~ J2) 1:1 ±5%
(P4 ~ P6) : (J3 ~ J6) 1:1 ±5%
- 2.0 Primary Inductance: 350uH min. @ 100 kHz, 0.1V, 8mA, DC BIAS
- 3.0 DC Resistance: (J1 ~ J2) : (J3 ~ J6) 1.2 Ohms max.
- 4.0 Insert Loss: 1 to 100MHz: -1.2dB max.
- 5.0 Return Loss: 1 to 30MHz: -16dB min
30 to 60MHz: -12dB min
60 to 80MHz: -10dB min
- 6.0 Cross Talk: 1 to 100MHz: -30dB min
- 7.0 Common to Common mode Attenuation 1 to 100MHz: -30dB min.
- 8.0 Isolation: PHY Side to Line Side: 1500 VAC or 2250 VDC

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

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

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APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88SUX1-FS-VLG-M252C	-
REF: S00005C	SCALE: NTS	SHEET 2 OF 2