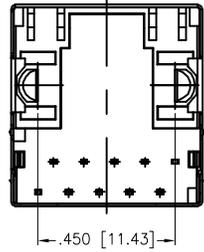
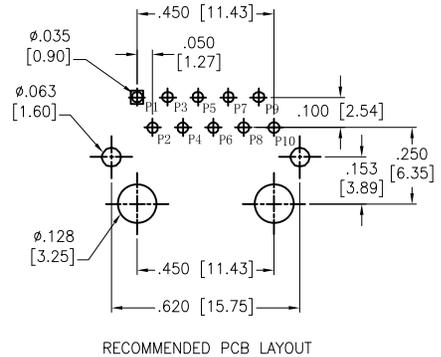
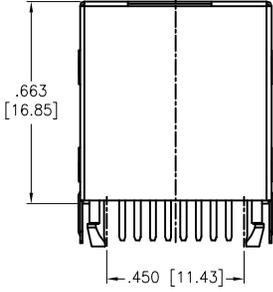
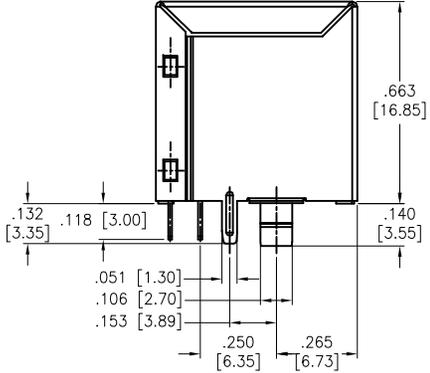
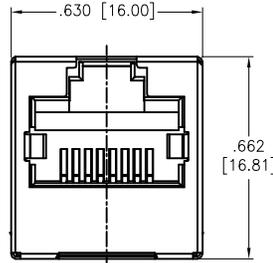


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/16/15	
A		UPDATE TEMPERATURE	6/25/15	AY/OC



SPECIFICATIONS:
 Material:
Inserter: Thermoplastic, rated UL 94V-0
Inserter 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: -40°C to +85°C
 Environmental:
 Lead free, 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	AY	6/16/15
CHECKED	OC	6/16/15
APPROVED		



TITLE MODULAR JACK GANGED, 1 PORT, 8P8C HALF PLASTIC PEG			
SIZE X	PART NO. MTJ-88AX1-FSN-HP-M197C	REV. A	
REF: S00005C	SCALE: NTS	SHEET 1 OF 2	

6

5

4

3

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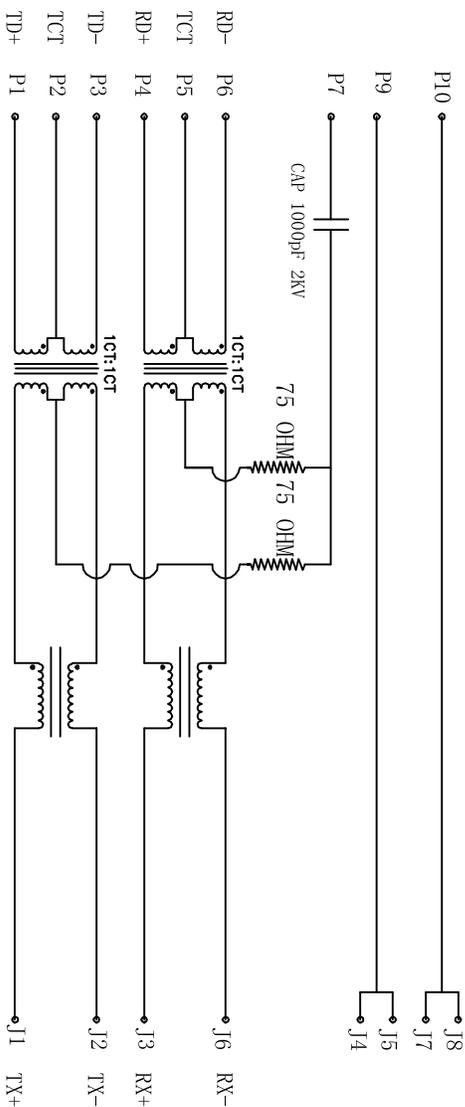
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Rev	AWO #	Description	Date	Appr
		SEE SHT 1 OF 2 FOR REVISION		

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS

1. Turn Ratio @100KHZ: (P1~P3):(J1~J2)=1:1 ±5% (P4~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 @57V (Continuous)



TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C
 HALF PLASTIC PEG

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED	
INCHES	HOLE SIZE
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XXX ± .015
.XXX ± .015	Ø.XXX ± .010
APPROVALS	DATE
DRAWN AY	6/16/15
CHECKED OC	6/16/15
APPROVED	

SIZE X	PART NO. MTJ-88AX1-FSN-HP-M197C	REV. A
REF: S0005C	SCALE: NTS	SHEET 2 OF 2

A

B

C

D

A

B

C

D

6

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