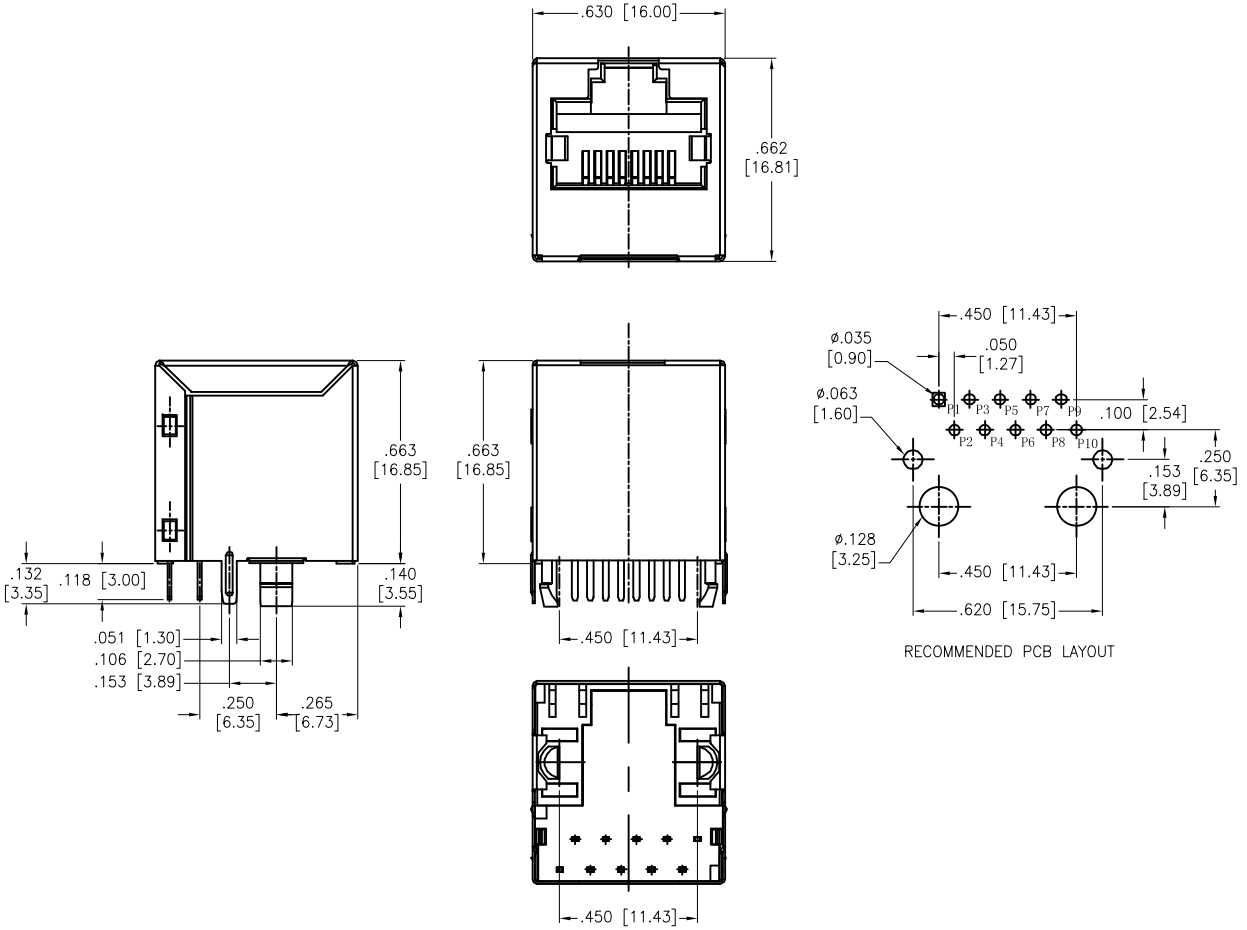
APPROVED: _____

DATE: _____ TITLE:

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



RECOMMENDED PCB LAYOUT

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.

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		

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

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

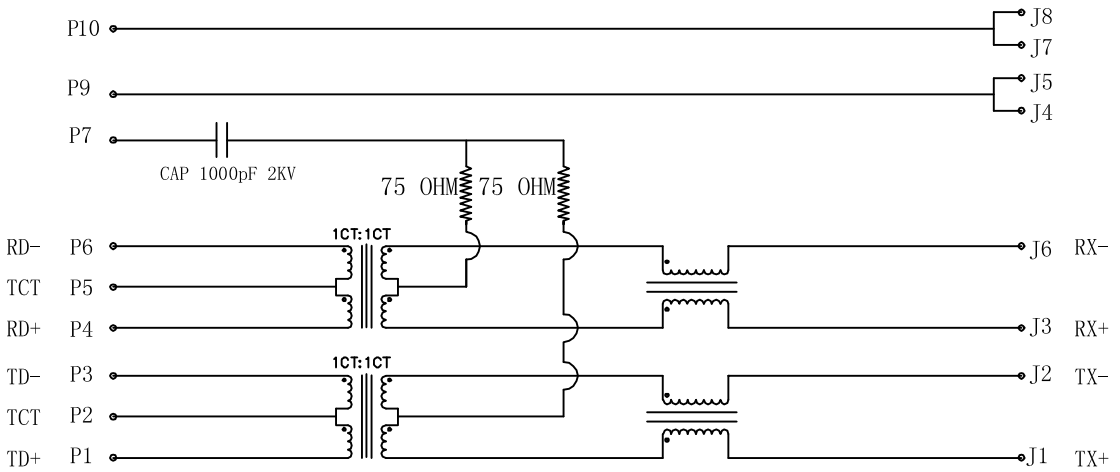
SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-HP-M197C	A

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

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

APPROVED: _____

DATE: _____ TITLE:



ELECTRICAL SPECIFICATIONS

1. Turn Ratio @100KHzZ: (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)

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
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SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-HP-M197C	A

REF:	SCALE:	SHEET
S00005C	NTS	2 OF 2