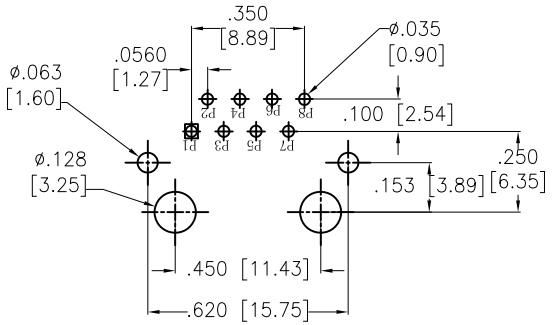
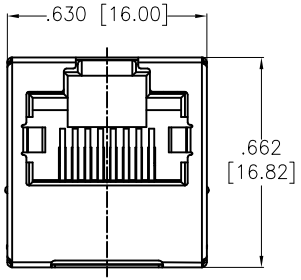
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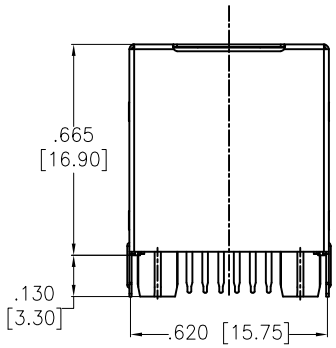
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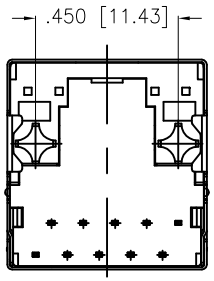
Rev	AWO #	Description	Date	Appr
-		RELEASED	6/12/15	
A		UPDATE DRAWING	7/3/20	AY/LW

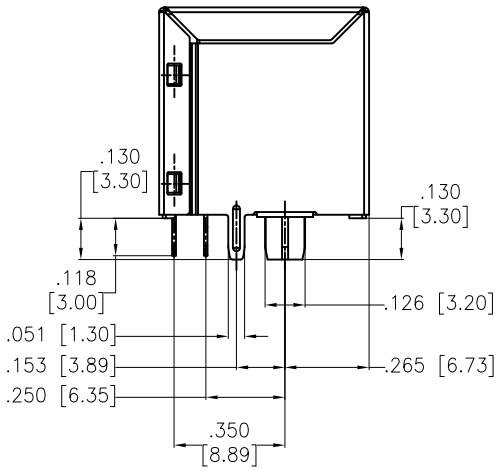


RECOMMENDED PCB LAYOUT









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

Electrical:

Voltage rating: 150 VAC

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1500 VAC or 2250 VDC

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	HR	6/12/15
CHECKED	OC	6/12/15
APPROVED		

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

TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C STAR PEG

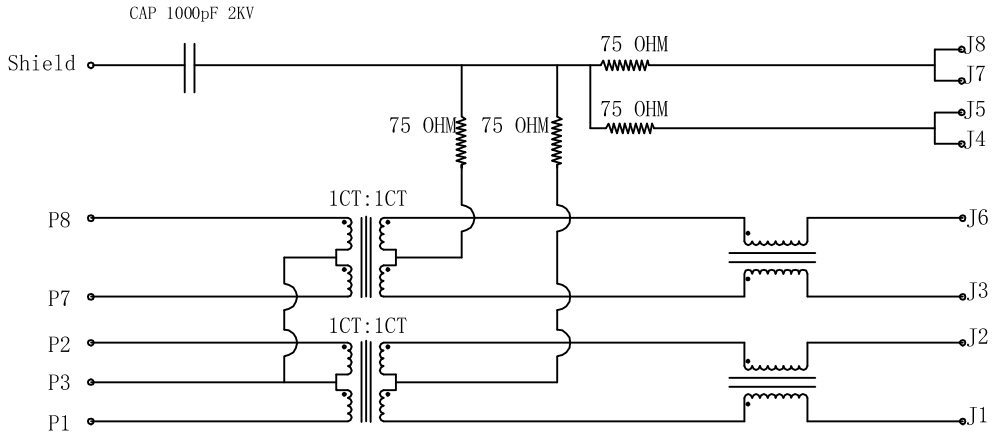
SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-STP-M63C	A

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

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

APPROVED: _____

DATE: _____ TITLE: _____



Electronical Specifications:

1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
   (P7~P8):(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	HR	6/12/15
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TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C STAR PEG

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-STP-M63C	A

REF:	SCALE:	SHEET
S00005C	NTS	2 OF 2