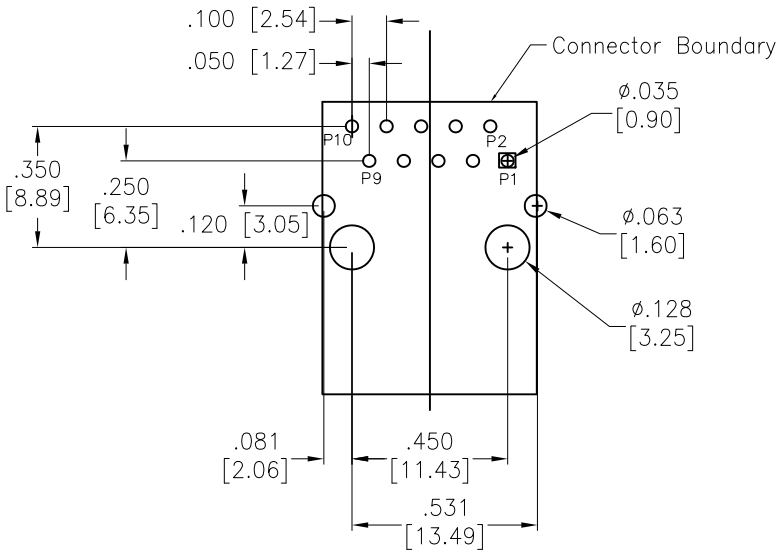
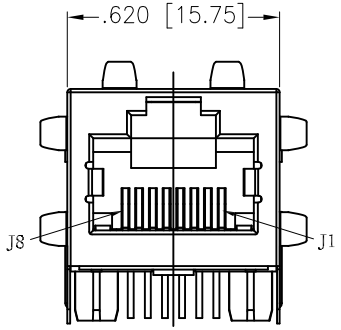
APPROVED: _____

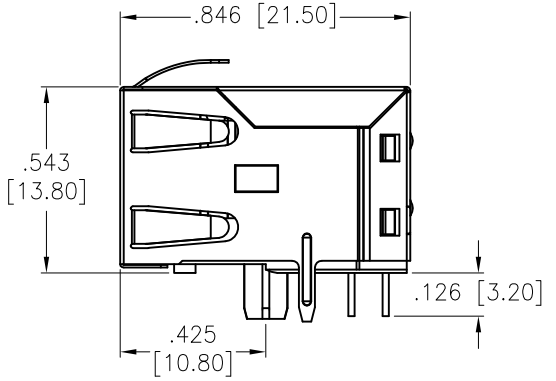
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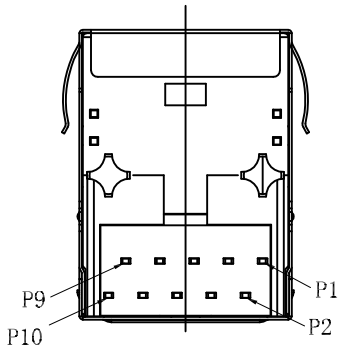
Rev	AWO #	Description	Date	Appr
-		RELEASED	7/13/15	
A		REVISED SHAPE	2/5/16	HR
B		REVISED DIM.	3/18/16	HR
C		REVISED DIM.	3/18/16	HR/AT



RECOMMENDED PCB LAYOUT







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

SPECIFICATIONS:
Material:
Insulator: Thermoplastic, rated UL 94V-0
Insulator 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 Copper 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: 2,250 VDC 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	HR	7/13/15
CHECKED	NP	7/13/15
APPROVED		

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

TITLE: MODULAR JACK, 1 PORT, 8P8C W/ PANEL GROUND TABS

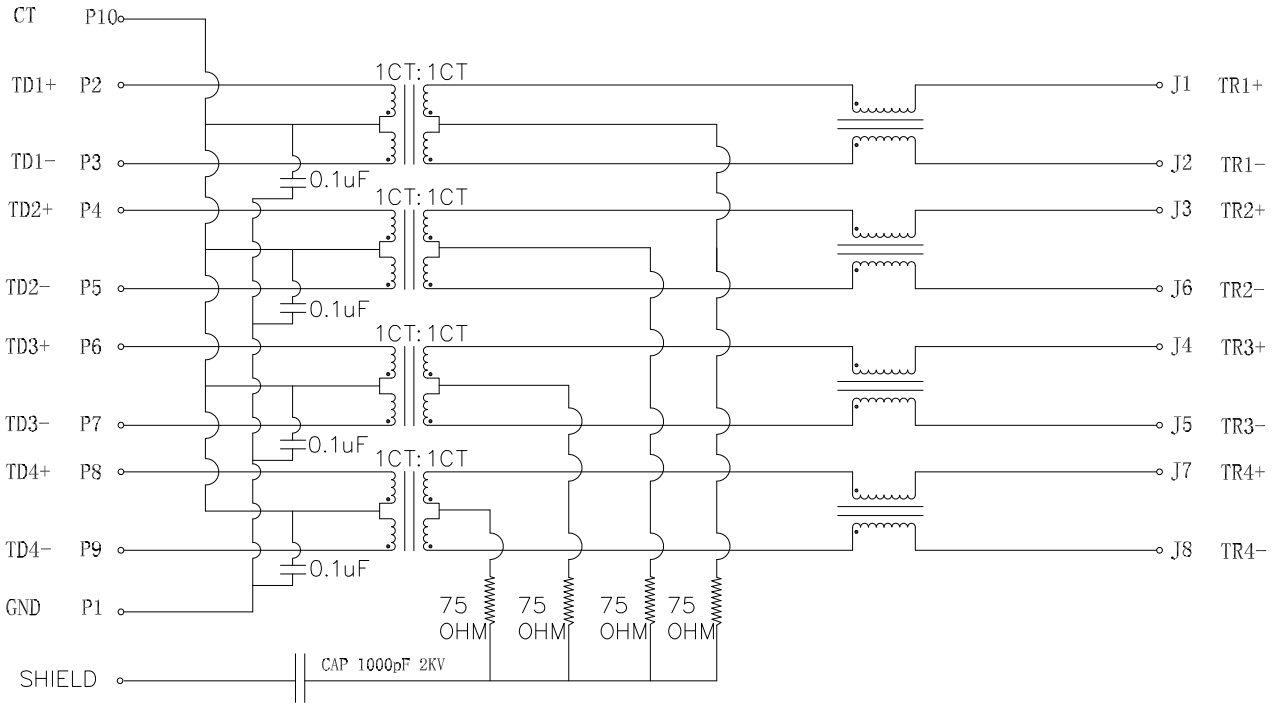
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-M267C	C

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:

1.0 Turn Ratio @100KHz: (P2~P3):(J1~J2) = 1:1±5%
(P4~P5):(J3~J6) = 1:1±5%
(P6~P7):(J4~J5) = 1:1±5%
(P8~P9):(J7~J8) = 1:1±5%

2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS

3.0 DC Resistance: 1.2 OHMS MAX

4.0 Insertion Loss: 1-100MHz -1.0dB MAX
100-125MHz -1.2dB MAX

5.0 Return Loss: 1-40MHz -16dB MIN
40-60MHz -12dB MIN
60-80MHz -10dB MIN
80-100MHz -8dB MIN

6.0 CROSS TALK: 1-100MHz -30dB MIN

7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN

8.0 Isolation: PHY Side to Line Side: 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	7/13/15
CHECKED	NP	7/13/15
APPROVED		

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TITLE: MODULAR JACK, 1 PORT, 8P8C
W/ PANEL GROUND TABS

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-M267C	C

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