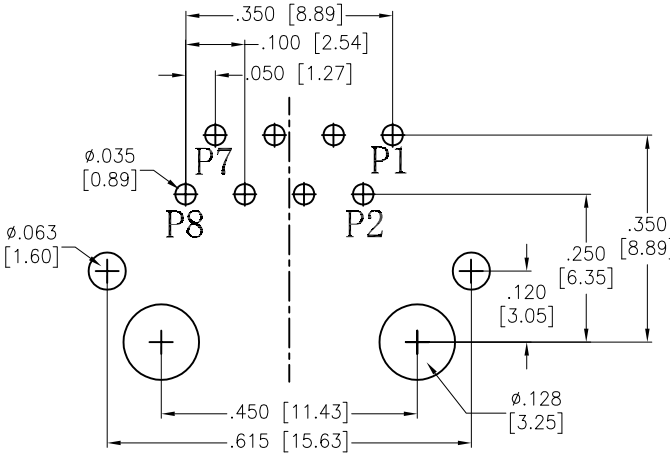
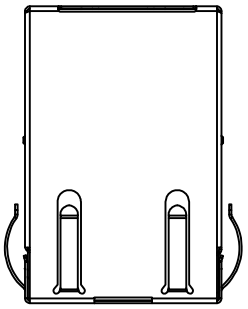
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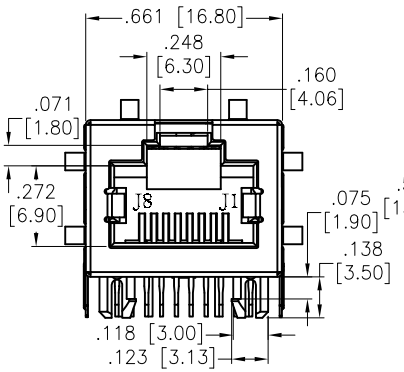
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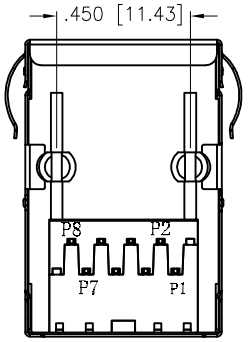
Rev	AWO #	Description	Date	Appr
-		RELEASED	2/21/13	
A		REDRAWN (ED-20131114-ECR-01)	12/2/13	AY/AH
B		UPDATED SHAPE	4/21/17	HR/DH
C		UPDATE DRAWING	6/25/24	JJ/JL
D		UPDATE DRAWING	1/22/25	LW1/MC

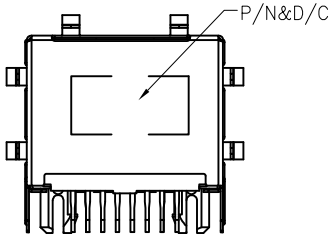


RECOMMENDED PCB LAYOUT

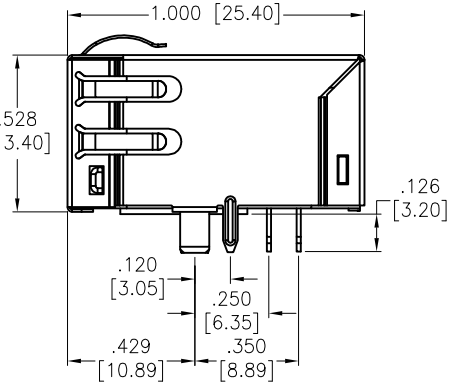








BACK VIEW



SPECIFICATIONS:

Material:
Housing: Glass Filled Polyester, rated UL 94V–0, Color: Black
Contact: Phosphor Bronze
Shield: Copper Alloy, 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:
Dielectric withstanding voltage: 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

DRAWN	AY	2/21/13
CHECKED	AH	2/21/13
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

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

TITLE: MODULAR TELEPHONE JACK, 1 PORT, 8P8C

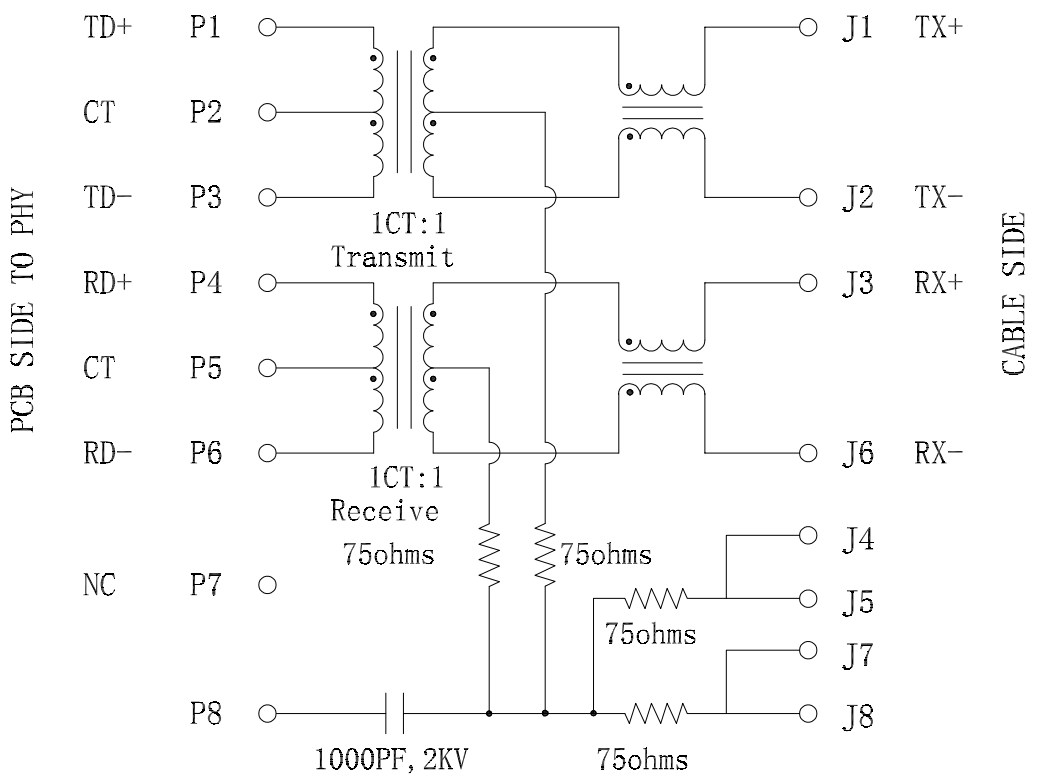
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-M5-A	D

REF: S00131C-1 | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO:
(P1-P3):(J1-J2)=1:1 ±3%.
(P4-P6):(J3-J6)=1:1 ±3%.

PRIMARY INDUCTANCE:
350uH MIN.@100KHz,100mVRMS,8mA DC BIAS.

HI-POT TEST:
PCB SIDE TO CABLE SIDE 2250VDC.

Insertion Loss:
0.1MHz~100MHz -1.1dB MAX.

Return Loss: (Load:100 ohms)
1MHz~30 MHz -18dB MIN.
30MHz~60 MHz -18+20Log(F/30)dB MIN
60MHz~80 MHz -12dB MIN.

CM to CM Rejection:
1MHz~100 MHz -30dB MIN.

CM to DM Rejection:
1MHz~100 MHz -35dB MIN.

Cross Talk:
1MHz~100MHz -35dB MIN.

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

DRAWN	AY	2/21/13
CHECKED	AH	2/21/13
APPROVED		

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TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-M5-A	D

REF: S00131C-1 SCALE: NTS SHEET 2 OF 2