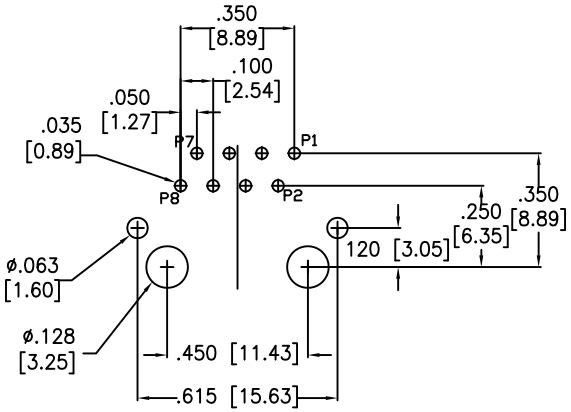
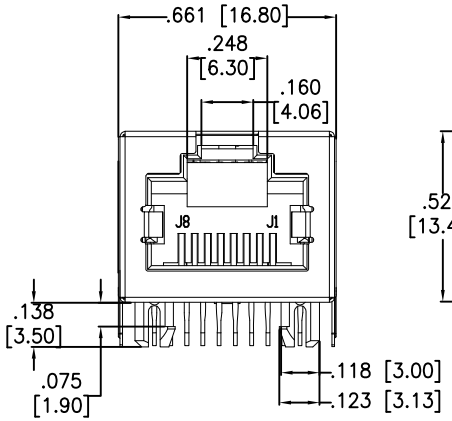
APPROVED: _____

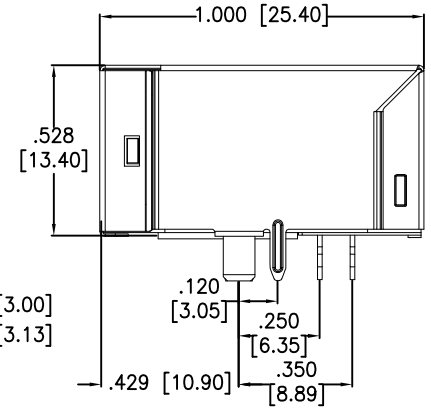
DATE: _____ TITLE: _____

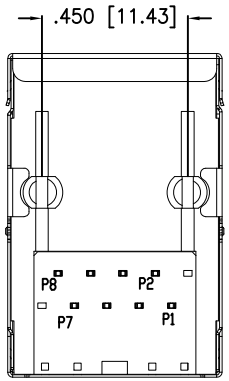
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/26/13	
A		ADDED DIM.	1/14/14	AY/AH



RECOMMENDED PCB LAYOUT







SPECIFICATIONS:
Material:
Insulator: NY46, glass reinforced, rated UL 94V-0
Insulator color: Black
Contacts: Phosphor Bronze
Shield: Copper Alloy, Nickel plated
Contact Plating:
Gold Flash over Nickel underplate on contact area,
Tin over Copper underplate on tails
(See chart for thickness).
Electrical:
Contact Resistance: 30 mohms max.
Insulation resistance: 500 Mohms min @ 500 VDC
Dielectric withstanding voltage: 1500 VAC for 1 minut
Temperature Rating:
Operating temperature: 0°C to +70°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 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	11/26/13
CHECKED	AH	11/26/13
APPROVED		

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

TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C

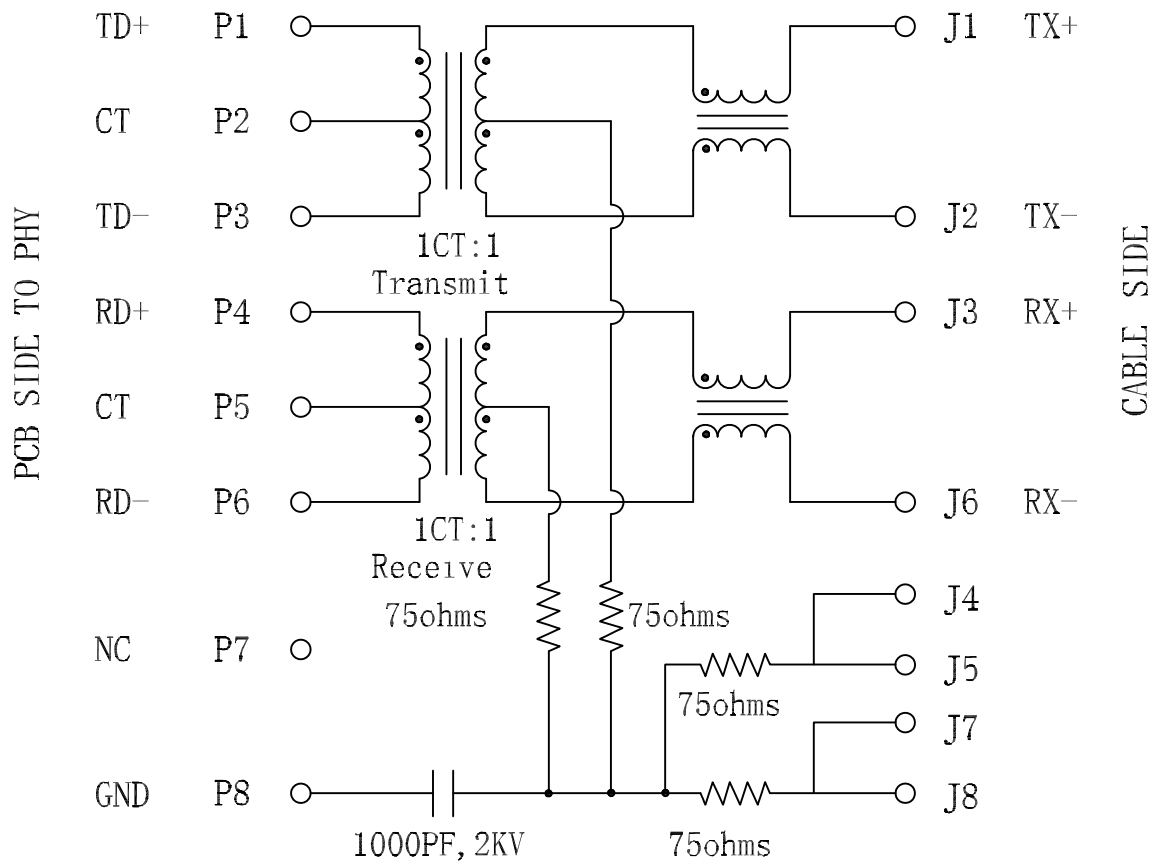
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-M5-A	A

REF:	SCALE:	SHEET
S00167T	NTS	1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



SPECIFICATIONS:

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

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

3.HI−POT TEST:
PCB SIDE TO CABLE SIDE 1500VAC

4.Insertion Loss:
0.1MHz~100MHz: −1.1dB Max.

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

6.CM to CM Rejection:
1MHz~100MHz: −30dB Min.

7.CM to DM Rejection:
1MHz~100MHz: −35dB Min.

8.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

APPROVALS		DATE
DRAWN	AY	11/26/13
CHECKED	AH	11/26/13
APPROVED		

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

TITLE
MODULAR JACK GANGED, 2 PORT, 8P8C

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

REF:	SCALE:	SHEET
S00167T	NTS	2 OF 2