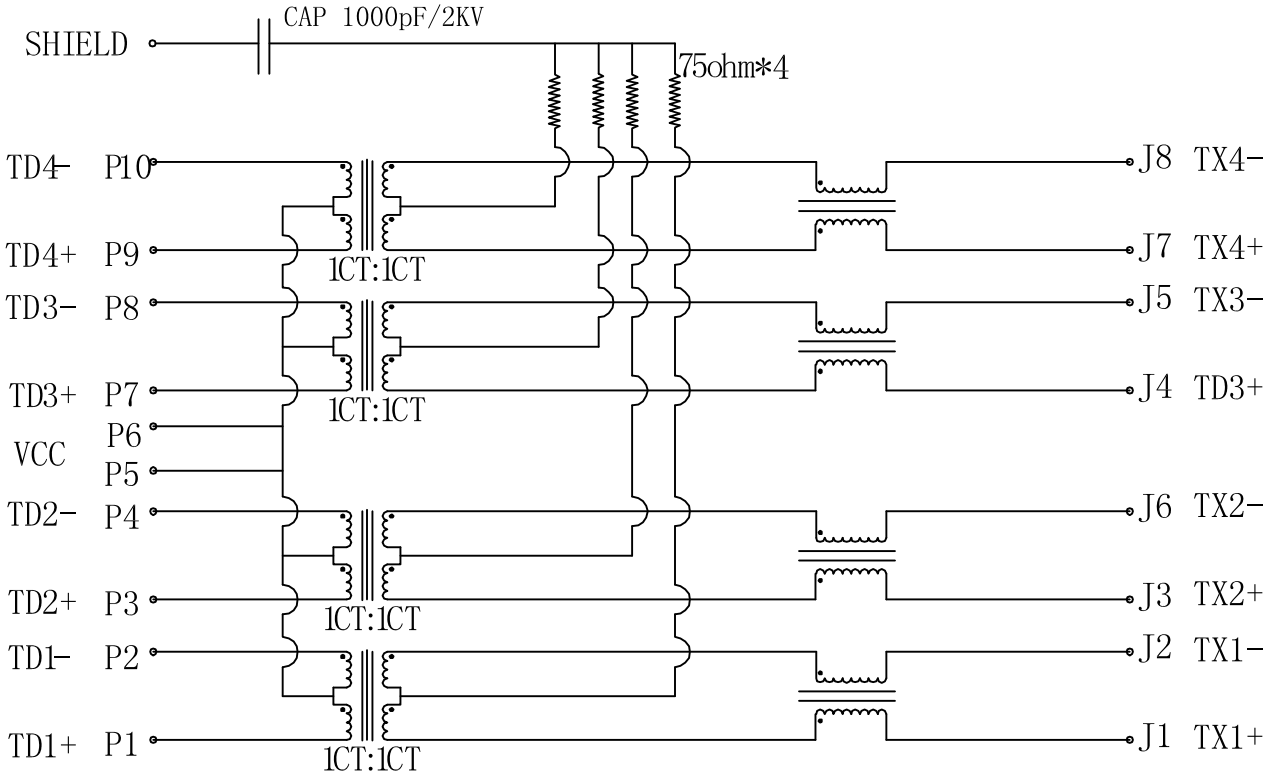
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS

1. Turns Ratio: (P1 ~ P2) : (J1 ~ J2) 1:1 ±3%
   (P3 ~ P4) : (J3 ~ J6) 1:1 ±3%
   (P7 ~ P8) : (J4 ~ J5) 1:1 ±3%
   (P9 ~ P10) : (J7 ~ J8) 1:1 ±3%
2. Inductance: (P1 ~ P2) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
   (P3 ~ P4) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
   (P7 ~ P8) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
   (P9 ~ P10) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
3. Leakage Inductance: P1 ~ P2 (with J1 and J2 Short): 0.3uH Max. @ 1 MHZ
   P3 ~ P4 (with J3 and J6 Short): 0.3uH Max. @ 1 MHZ
   P7 ~ P8 (with J4 and J5 Short): 0.3uH Max. @ 1 MHZ
   P9 ~ P10 (with J7 and J8 Short): 0.3uH Max. @ 1 MHZ
4. Interwinding Capacitor: (P1 ~ P2) : (J1 ~ J2): 35pF max. @ 1MHZ
   (P3 ~ P4) : (J3 ~ J6): 35pF max @ 1mhz
   (P7 ~ P8) : (J4 ~ J5): 35pF max @ 1mhz
   (P9 ~ P10) : (J7 ~ J8): 35pF max @ 1mhz
5. DC Resistance: (J1 ~ J2) : (J3 ~ J6): (J4 ~ J5): (J7 ~ J8):1.2 Ohms Max.
6. Return Loss: 1MHZ to 30MHZ: −19dB min / 30MHZ to 60MHZ: −13dB min
   60MHZ to 80MHZ: −12dB min / 80MHZ to 100MHZ: −10dB min
7. Dielectric Withstanding: (P1~P2) : (J1~J2) : (P3~P4) : (J3~J6) :1500V AC
   (P7~P8) : (J4~J5) : (P9~P10): (J7~J8): 1500V AC
8. Insertion Loss: RS=RL=100OHM : 100KHZ TO 80MHZ : −1.1dB Min.
9. Rise Time: RS=100OHMS AND RL=100OHMS
   OUTPUT VOLTAGE=1V PEAK: 30nS Max
   PULSE WIDTH=112ns :30nS Max
9. Cross Talk: 1MHZ to 100MHZ: 40dB Typ.
10. Common to Common mode Attention 30MHZ to 100MHZ: 35dB Typ.

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	DY	4/06/10
CHECKED		
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-88TX1-FSD-M62-P114C	A

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