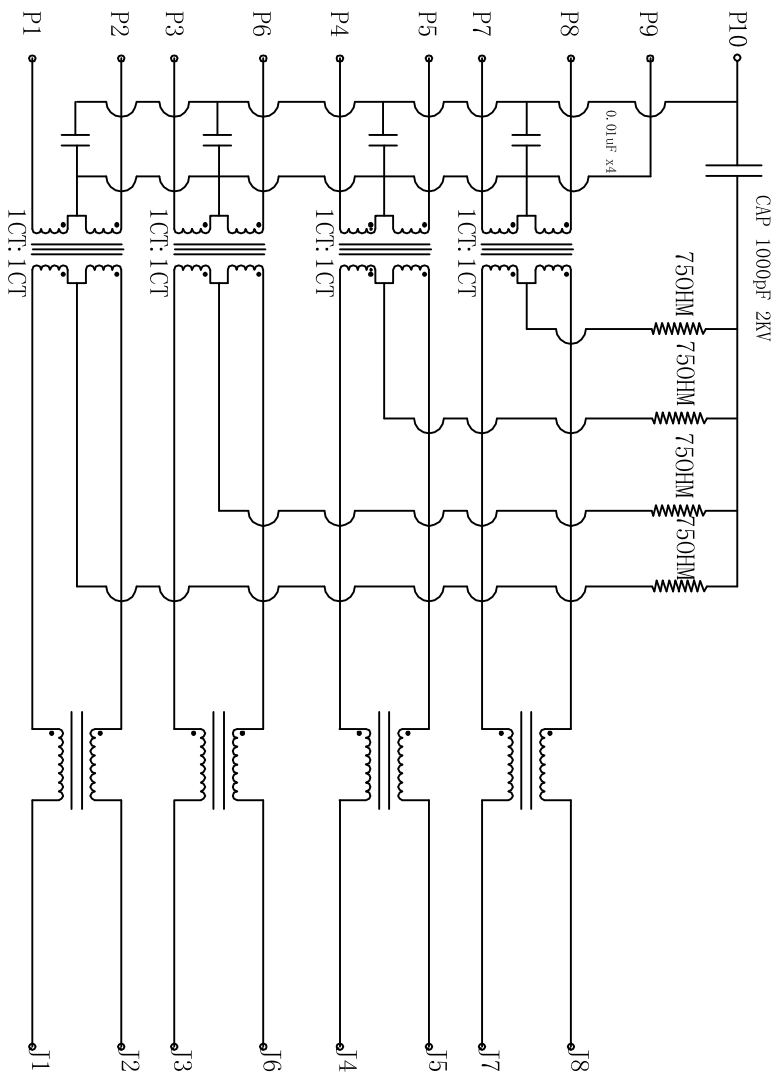


APPROVED: _____

DATE: _____ TITLE: _____

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



ELECTRICAL SPECIFICATIONS

- Turns Ratio: (P1 ~ P2) : (J1 ~ J2) 1:1 ±3%
 (P3 ~ P6) : (J3 ~ J6) 1:1 ±3%
 (P4 ~ P5) : (J4 ~ J5) 1:1 ±3%
 (P7 ~ P8) : (J7 ~ J8) 1:1 ±3%
- Inductance: (P1 ~ P2) 350uH MIN @ 0.1V, 100KHZ, 8mA DC Bias
 (P3 ~ P6) 350uH MIN @ 0.1V, 100KHZ, 8mA DC Bias
 (P4 ~ P5) 350uH MIN @ 0.1V, 100KHZ, 8mA DC Bias
 (P7 ~ P8) 350uH MIN @ 0.1V, 100KHZ, 8mA DC Bias
- Leakage Inductance: P1 ~ P2 (with J1 and J2 Short): 0.35uH MAX @ 1 MHZ
 P3 ~ P6 (with J3 and J6 Short): 0.35uH MAX @ 1 MHZ
 P4 ~ P5 (with J4 and J5 Short): 0.35uH MAX @ 1 MHZ
 P7 ~ P8 (with J7 and J8 Short): 0.35uH MAX @ 1 MHZ
- Interwinding Capacitor: (P1 ~ P2) : (J1 ~ J2): 115pF MAX @ 1MHZ
 (P3 ~ P6) : (J3 ~ J6): 115pF MAX @ 1MHZ
 (P4 ~ P5) : (J4 ~ J5): 115pF MAX @ 1MHZ
 (P7 ~ P8) : (J7 ~ J8): 115pF MAX @ 1MHZ
- DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1500VAC or 2250VDC
 (P1~P2) : (J1~J2) : 1500VAC or 2250VDC
 (P3~P6) : (J3~J6) : 1500VAC or 2250VDC
 (P4~P5) : (J4~J5) : 1500VAC or 2250VDC
 (P7~P8) : (J7~J8) : 1500VAC or 2250VDC
- Dielectric Withstanding: (P1~P2) : (J1~J2) : 1500VAC or 2250VDC
 (P3~P6) : (J3~J6) : 1500VAC or 2250VDC
 (P4~P5) : (J4~J5) : 1500VAC or 2250VDC
 (P7~P8) : (J7~J8) : 1500VAC or 2250VDC
- Insertion Loss: 0.5MHZ to 100MHZ : -1.2dB MAX
 40.1MHZ to 40MHZ : -18dB MIN
- Return Loss: 0.5MHZ to 40MHZ : -35dB MIN
 40.1MHZ to 100MHZ : -33-20LOG(f/50)dB MIN (WHERE f IS IN MHZ)
- Cross Talk: 0.5MHZ to 40MHZ : -35dB MIN
 40.1MHZ to 100MHZ : -33-20LOG(f/50)dB MIN (WHERE f IS IN MHZ)
- Common to Common mode Attenuation -30dB 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

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

MODULAR JACK GANGED, 1PORT, 8P8C

DRAWN	DY	DATE	4/09/08
CHECKED			
APPROVED			
SIZE	PART NO.	REV.	
X	MTJ-88TX1-FSD-PG-M39	A	
REF:	S00003C	SCALE:	NTS
		SHEET	2 OF 2