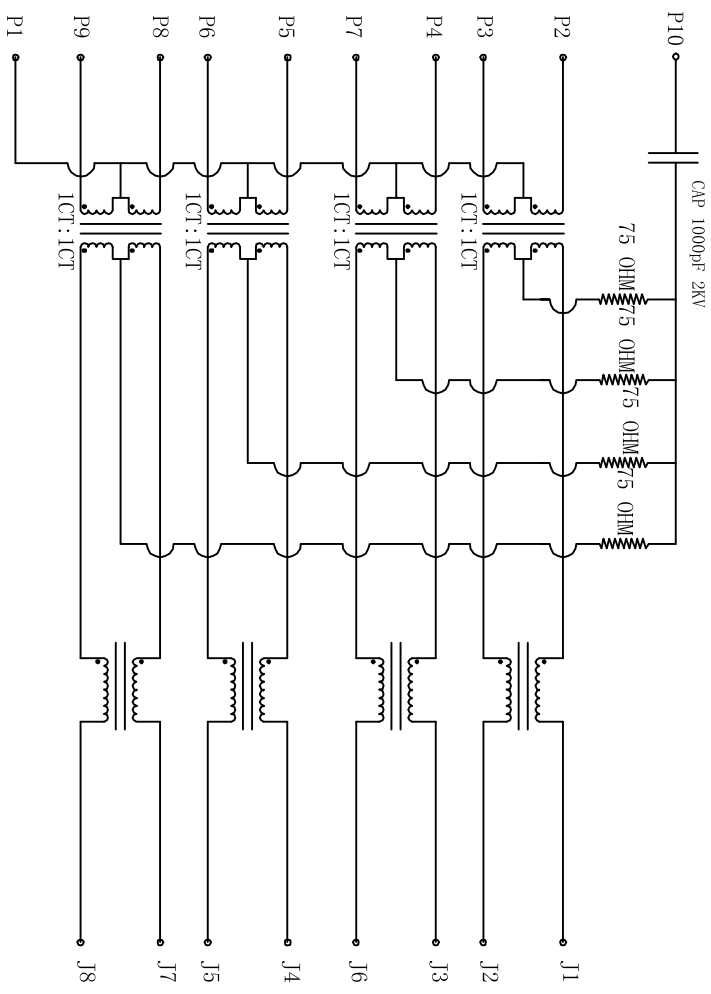


Rev	AWO #	Description	Date	Appr
		SEE SHT 1 OF 2 FOR REVISION		

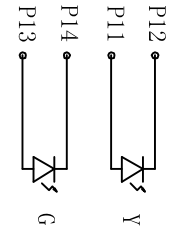
APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



**ELECTRICAL SPECIFICATIONS**

- Turns Ratio: (P2 ~ P3) : (J1 ~ J2) : 1:1 ±3%  
 (P4 ~ P7) : (J3 ~ J6) : 1:1 ±3%  
 (P5 ~ P6) : (J4 ~ J5) : 1:1 ±3%  
 (P8 ~ P9) : (J7 ~ J8) : 1:1 ±3%
- Inductance: (P2 ~ P3) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias  
 (P4 ~ P7) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias  
 (P5 ~ P6) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias  
 (P8 ~ P9) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
- Leakage Inductance: P2 ~ P3 (with J1 and J2 Short): 0.35uH Max. @ 1 MHZ  
 P4 ~ P7 (with J4 and J5 Short): 0.35uH Max. @ 1 MHZ  
 P5 ~ P6 (with J4 and J5 Short): 0.35uH Max. @ 1 MHZ  
 P8 ~ P9 (with J7 and J8 Short): 0.35uH Max. @ 1 MHZ
- Interwinding Capacitor: (P2 ~ P3) : (J1 ~ J2): 115pF max. @ 1MHZ  
 (P4 ~ P7) : (J3 ~ J6): 115pF max. @ 1MHZ  
 (P5 ~ P6) : (J4 ~ J5): 115pF max. @ 1MHZ  
 (P8 ~ P9) : (J7 ~ J8): 115pF max. @ 1MHZ
- DC Resistance: (J1 ~ J2): 1500 VAC OR 2250VDC  
 (P2~P3) : (J1~J2): 1500 VAC OR 2250VDC  
 (P4~P7) : (J3~J6): 1500 VAC OR 2250VDC  
 (P5~P6) : (J4~J5): 1500 VAC OR 2250VDC  
 (P8~P9) : (J7~J8): 1500 VAC OR 2250VDC
- Dielectric Withstand: (P2~P3) : (J1~J2): 1500 VAC OR 2250VDC  
 (P4~P7) : (J3~J6): 1500 VAC OR 2250VDC  
 (P5~P6) : (J4~J5): 1500 VAC OR 2250VDC  
 (P8~P9) : (J7~J8): 1500 VAC OR 2250VDC
- Insertion Loss: 0.5MHZ to 100MHZ: -1.2dB MAX  
 40MHZ to 40MHZ: -18dB MIN
- Return Loss: 0.5MHZ to 100MHZ: -1.2dB MAX  
 40MHZ to 100MHZ: -35dB MIN
- Cross Talk: 0.5MHZ to 40MHZ: -35dB MIN  
 40MHZ to 100MHZ: -(33-20LOG(f/50)dB MIN) (WHERE f IS IN MHZ)
- Common to Common mode Attenuation: 0.5MHZ to 100MHZ: -30dB MIN



UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE IN INCHES [MM]  
 TOLERANCES: EXCEPT AS NOTED

.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XXX	± .015
.XXX	± .015	Ø.XXX	± .010

INCHES HOLES  
 APPROVALS: \_\_\_\_\_ DATE: \_\_\_\_\_

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

MODULAR JACK GANGED, 1 PORT, 10P8C  
 W/ LED1 GREEN, LED2 YELLOW

DRAWN	AY	11/1/10	SIZE	PART NO.	REV.
CHECKED	VW	11/1/10	X	MTJ-108TUX1-FSD-VLH-M124	-
APPROVED			REF:	S0003C	SCALE: NTS