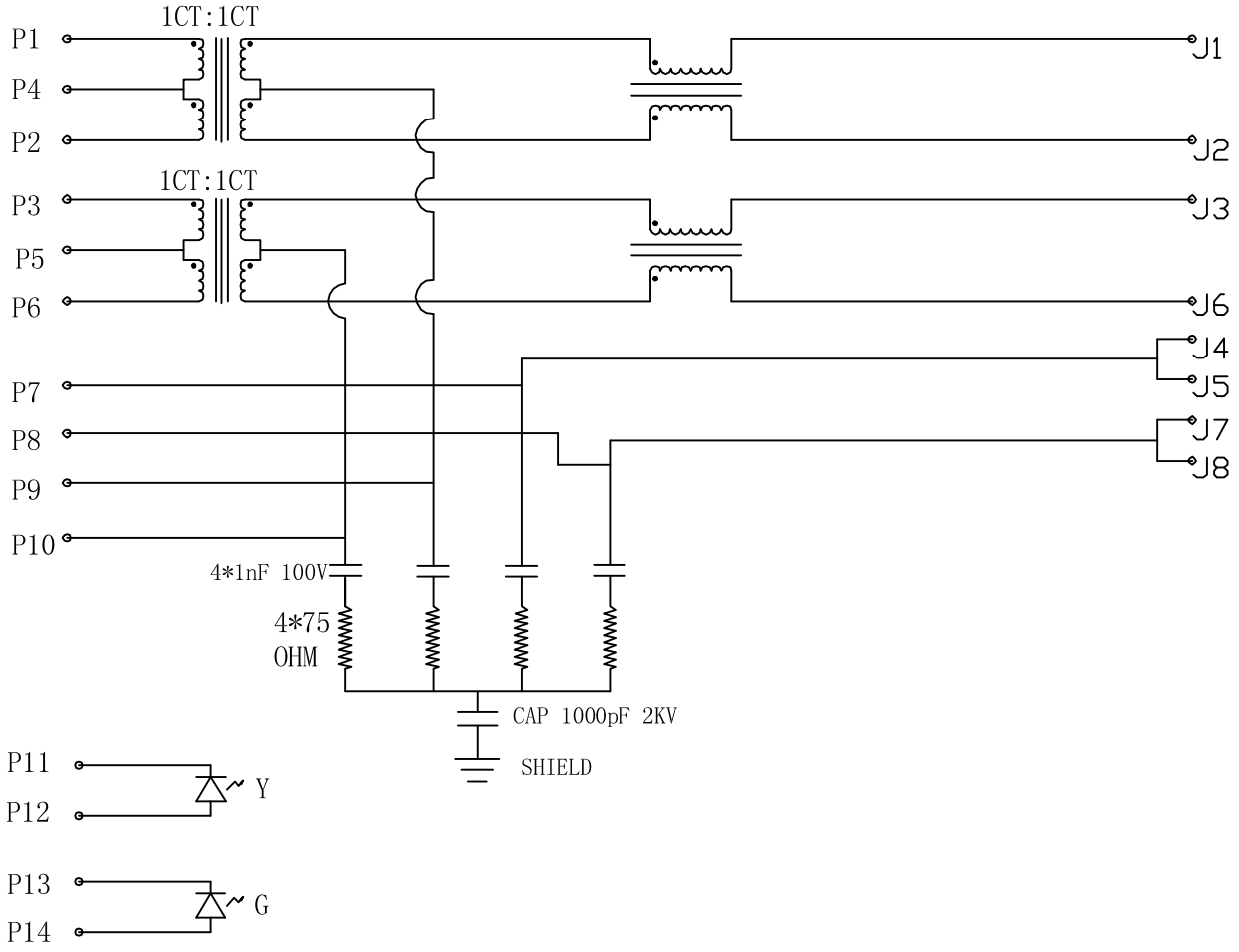
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS

1. Turns Ratio: (P1 ~ P2) : (J1 ~ J2) 1:1 ±3%
   (P3 ~ P6) : (J3 ~ J6) 1:1 ±3%
2. Inductance: (P1 ~ P2) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
   (P3 ~ P6) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
3. Leakage Inductance: P1 ~ P2 (with J1 and J2 Short): 0.35uH Max. @ 1 MHZ
   P3 ~ P6 (with J3 and J6 Short): 0.35H Max. @ 1 MHZ
4. Interwinding Capacitor: (P1~ P2) : (J1 ~ J2): 35pF max. @ 1MHZ
   (P3 ~ P6) : (J3 ~ J6): 35pF max @ 1mhz
5. DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
6. Return Loss: 1MHZ to 30MHZ: −18dB min
   30MHZ to 80MHZ: −12dB min
7. Dielectric Withstanding: (P1~P2) : (J1~J2): (P3~P6) : (J3~J6) :1500V AC
8. Insertion Loss: RS=RL=100OHM : 100KHZ TO 80MHZ : −1.2dB Min.
9. Cross talk: 1MHZ to 100MHZ 35dB Typ.
10. Common to Common mode Attenuation 30MHZ to 100MHZ: 30dB 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	6/03/10
CHECKED		
APPROVED		

ADAM TECH
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Phone: 908-687-5000 Fax: 908-687-5710

TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C W/ LED1 GREEN, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-LH-M103	-

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