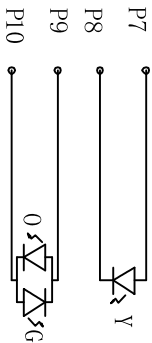
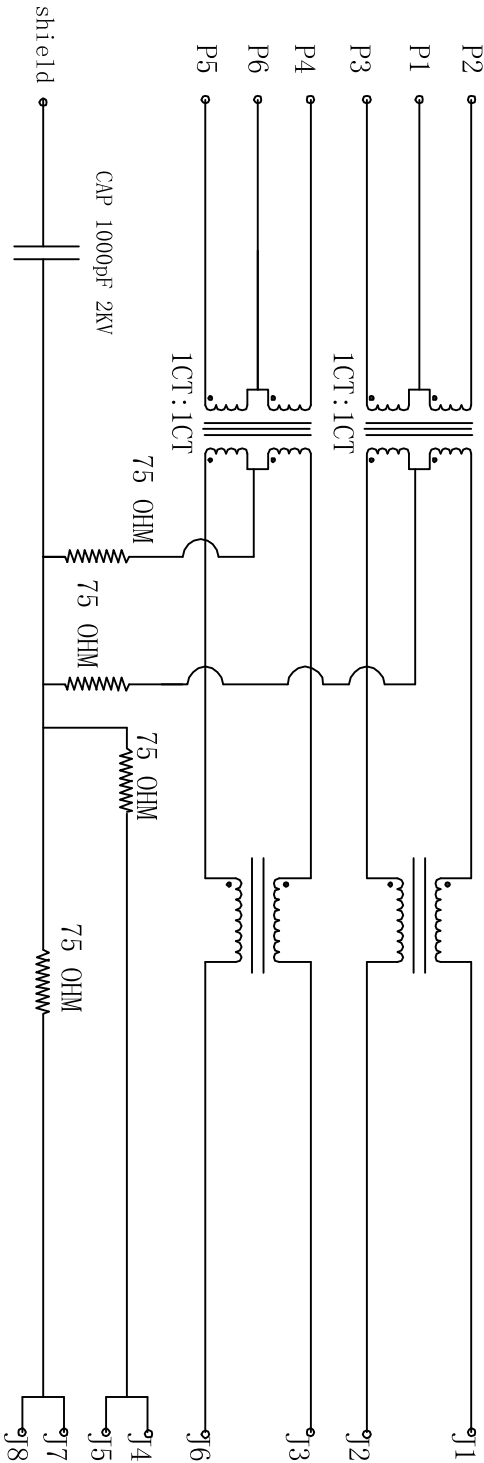




| Rev                         | AWO # | Description | Date | Appr |
|-----------------------------|-------|-------------|------|------|
| SEE SH1 1 OF 2 FOR REVISION |       |             |      |      |

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

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



ELECTRICAL SPECIFICATIONS

- Turns Ratio: (P2 ~ P3) : (J1 ~ J2) 1:1 ±3%  
(P4 ~ P5) : (J3 ~ J6) 1:1 ±3%
- Inductance: (P2 ~ P3) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias  
(P4 ~ P5) 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
- Leakage Inductance: P2 ~ P3 (with J1 and J2 Short): 0.35uH Max. @ 1 MHZ  
P4 ~ P5 (with J3 and J6 Short): 0.35uH Max. @ 1 MHZ
- Interwinding Capacitor: (P2 ~ P3) : (J1 ~ J2): 35pF max. @ 1mhz  
(P4 ~ P5) : (J3 ~ J6): 35pF max @ 1mhz
- DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
- Return Loss: 1MHz to 30MHz: -18dB min  
30MHz to 60MHz: -(18-20log(f/30))dB Min. (Where f is in MHz)  
60MHz to 80MHz: -12dB min
- Dielectric Withstanding: (P2~P3) : (J1~J2): (P4~P5) : (J3~J6) :1500 VAC OR 2250 VDC  
8. Insertion Loss: 1MHz TO 100MHz : -1.2dB Max.
- Cross Talk: 1MHz to 100MHz: -30dB Min.
- Common to Common mode Attention 1MHz to 100MHz: -30dB Min.

|                                                                                             |  |  |  |                                                                                          |  |  |  |
|---------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------------|--|--|--|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE INCHES [MM]<br>TOLERANCES: EXCEPT AS NOTED |  |  |  | ADAM TECH<br>909 Ratway Avenue, Union, NJ 07083<br>Phone: 908-687-5000 Fax: 908-687-5710 |  |  |  |
| INCHES                                                                                      |  |  |  | HOLES                                                                                    |  |  |  |
| .XX ± .10                                                                                   |  |  |  | Ø.X ± .10                                                                                |  |  |  |
| .XX ± .020                                                                                  |  |  |  | Ø.XX ± .015                                                                              |  |  |  |
| .XXX ± .015                                                                                 |  |  |  | Ø.XXX ± .010                                                                             |  |  |  |
| APPROVALS                                                                                   |  |  |  | DATE                                                                                     |  |  |  |
| DRAWN                                                                                       |  |  |  | DY                                                                                       |  |  |  |
| 10/16/09                                                                                    |  |  |  |                                                                                          |  |  |  |
| CHECKED                                                                                     |  |  |  |                                                                                          |  |  |  |
| APPROVED                                                                                    |  |  |  |                                                                                          |  |  |  |
| TITLE                                                                                       |  |  |  | MODULAR JACK GANGED, 1 PORT, 8P8C                                                        |  |  |  |
| RJ45+ USB 2.0 W/LED                                                                         |  |  |  |                                                                                          |  |  |  |
| SIZE                                                                                        |  |  |  | PART NO.                                                                                 |  |  |  |
| X                                                                                           |  |  |  | MTJ-USB-88JX1-FS-PG-LL-M41                                                               |  |  |  |
| REF: S00050C                                                                                |  |  |  | SCALE: NTS                                                                               |  |  |  |
| SHEET 2 OF 2                                                                                |  |  |  | REV. B                                                                                   |  |  |  |