



6

5

4

3

2

1

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

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

Rev

AWO #

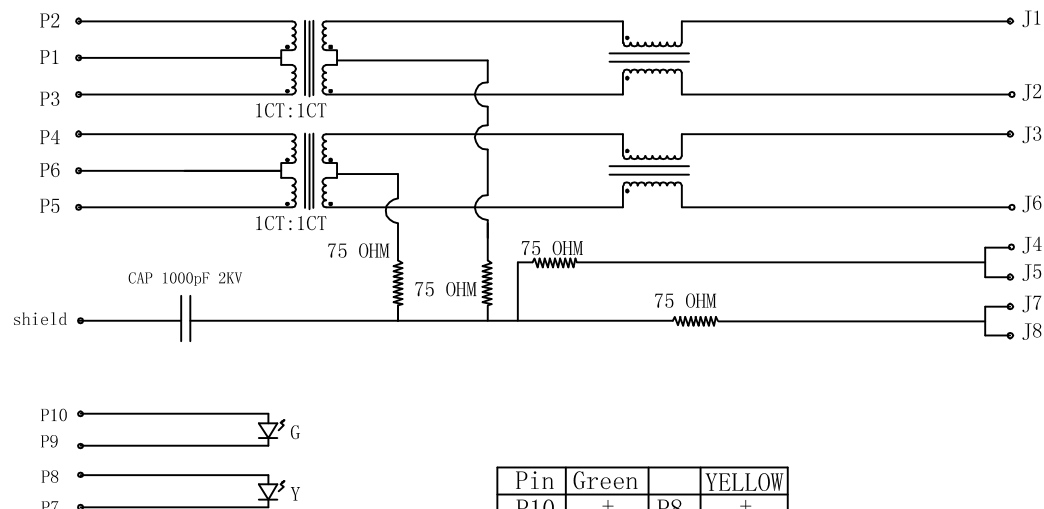
Description

Date

Appr

SEE SHT 1 OF 2 FOR REVISION

## Circuit Schematic:



## Electronical Specifications:

- Turn Ratio @100KHz: (P2~P3):(J1~J2) = 1:1±5%  
(P4~P5):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.2dB MAX
- Return Loss: 1-30MHz -16dB MIN  
30-60MHz -12dB MIN  
60-80MHz -10dB MIN
- CROSS TALK: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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

AY

11/12/18

CHECKED

NL

11/12/18

APPROVED

**ADAM**  
**TECH**  
**INTERCONNECTS**

909 Rahway Avenue,  
Union, NJ 07083  
Phone: 908-687-5000  
Fax: 908-687-5710

TITLE  
MODULAR JACK GANGED, 1 PORT, 8P8C  
RJ45+ USB 2.0 W/LED GREEN & YELLOW

SIZE

PART NO.

REV.

X

MTJ-USB-88JX1-FS-PG-LH-M41C

-

REF: S00005C

SCALE: NTS

SHEET 2 OF 2

6

5

4

3

2

1