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APPROVED: _____

DATE: _____ TITLE: _____

Rev

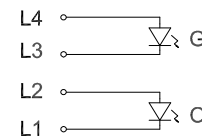
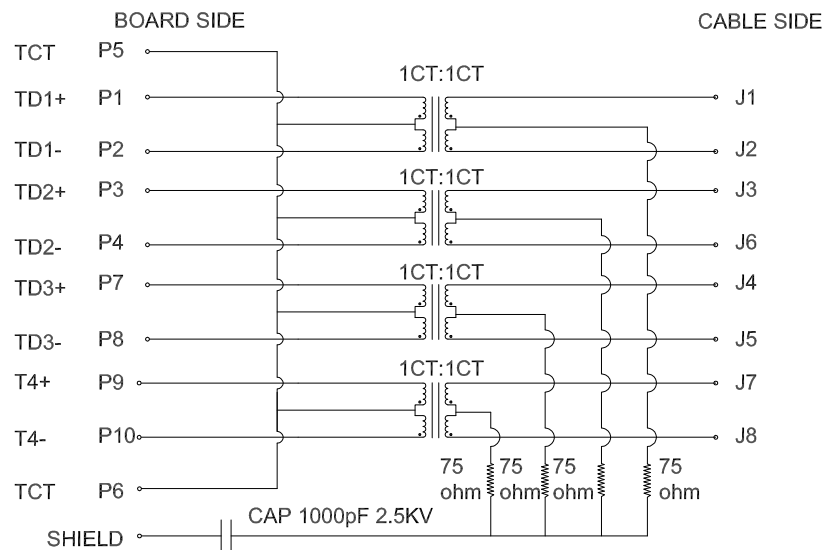
AWO #

Description

Date

Appr

SEE SHT 1 OF 2 FOR REVISION



Pin	Green	Pin	Orange
L4	+	L2	+
L3	-	L1	-

ELECTRICAL SPECIFICATIONS @ 25°C :

1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P4):(J3~J6) = 1:1±5%

(P7~P8):(J4~J5) = 1:1±5%
(P9~P10):(J7~J8) = 1:1±5%

2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS

3. DC Resistance: 1.2 OHMS MAX

4. Insertion Loss: 1-100MHz -1.0dB MAX
100-125MHz -1.2dB MAX

5. Return Loss: 1-40MHz -16dB MIN
40-60MHz -12dB MIN
60-80MHz -10dB MIN
80-100MHz -8dB MIN

6. Cross Talk: 1-100MHz -30dB MIN

7. COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN

8. Isolation: PHY Side to Line Side: 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 LH 5/12/20

CHECKED AC 5/12/20

APPROVED

ADAM
TECH
INTERCONNECTS

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

TITLE
MODULAR TELEPHONE JACK, 8P8C
W/ LED1 GREEN, W/ LED2 ORANGE, 1000M BASE-T

SIZE X PART NO. MTJ-88AX1-FS-TSMT-P-L5-M398AC-WOT-KT REV. -

REF: S00005C SCALE: NTS SHEET 2 OF 2

6

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