

6

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2

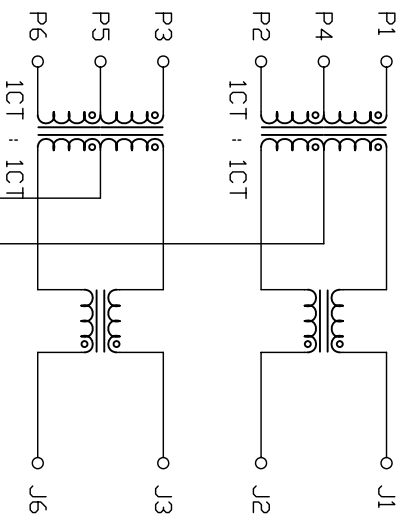
1

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

APPROVED: _____

DATE: _____ TITLE: _____

D



2.0 INDUCTANCE: (P1 ~ P3)
(P4 ~ P6)

350uH MIN @ 0.1V,100KHZ,8mA DC BIAS
350uH MIN @ 0.1V,100KHZ,8mA DC BIAS

3.0 LEAKAGE INDUCTANCE: P1 ~ P3 (WITH J1 AND J2 SHORT)
P4 ~ P6 (WITH J3 AND J6 SHORT)

:0.3uH MAX @ 1MHZ
:0.3uH MAX @ 1MHZ

4.0 INTERWINDING CAPACITANCE: (P1~P3) : (J1~J2)
(P4~P6) : (J3~J6)

:30PF MAX @ 1MHZ
:30PF MAX @ 1MHZ

5.0 DC RESISTANCE: (J1~J2):(J3~J6):

1.2 OHMS MAX

6.0 RETURN LOSS:1MHZ TO 30MHZ
30MHZ TO 80MHZ

:-18db MIN
:-12db MIN

7.0 DIELECTRIC WITHSTAND: (P1~P3) : (J1~J3)
(P4~P6) : (J3~J6)

:1500VAC
:1500VAC

8.0 INSERTION LOSS:RS=RL=1000HM 100KHZ TO 80MHZ

:-1.1db MIN

9.0 RISE TIME : RS=1000HMSAND RL=1000HMS
OUTPUT VOLTAGE = 1V PEAK
PULSE WIDTH=112ns

:3.0oS MAX
:3.0oS MAX

10.0 CROSS TALK: 1MHZ TO 100MHZ

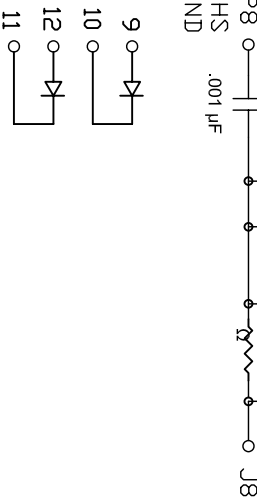
40db TYP

11.0 COMMON TO COMMON MODE ATTENUATION: 30MHZ TO 100MHZ

:35db TYP

CONNECTOR SCHEMATIC

NOTE: CONNECT CHS GND TO PCB GROUND.



B

D

C

A

6

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1

A

B

C

D

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MM
TOLERANCES: EXCEPT AS NOTED

X	± 2.54	MM
.XX	± .508	MM
.XXX	± .381	MM

APPROVALS

DRAWN	SS	DATE	7/13/06
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CHECKED

APPROVED

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MODULAR TEL JACK,8P8C, MAGNETICS
LEDS, RIGHT ANGLE, PCB

TITLE	SIZE	PART NO.	REV.
MODULAR TEL JACK,8P8C, MAGNETICS LEDS, RIGHT ANGLE, PCB	X	MTJ-88TX1-FSD-PG6-LH-M4	
REF:	SCALE:	NTS	SHEET 2 OF 2