

TEST NOTES:25°C

1.TR:(100KHz,0.1V);

PINS:(1,3):(46,48)=1:1±3%;PINS:(13,15):(34,36)=1:1±3%
 PINS:(4,6):(45,43)=1:1±3%;PINS:(16,18):(33,31)=1:1±3%
 PINS:(7,9):(40,42)=1:1±3%;PINS:(19,21):(28,30)=1:1±3%
 PINS:(10,12):(39,37)=1:1±3%;PINS:(22,24):(27,25)=1:1±3%

2.OCL:(100KHz,100mV,8mA, DC Bias)

PINS:(46,48),(45,43),(40,42),(39,37)=350uH MIN
 PINS:(34,36),(33,31),(28,30),(27,25)=350uH MIN

3.DCR:

PINS:(46,48),(45,43),(40,42),(39,37)=1.5 OHMS MAX
 PINS:(34,36),(33,31),(28,30),(27,25)=1.5 OHMS MAX
 PINS:(1,3),(4,6),(7,9),(10,12)=1.2 OHMS MAX
 PINS:(13,15),(16,18),(19,21),(22,24)=1.2 OHMS MAX

4.HIPOT:

PINS:(1,...12)TO(48,...37)=1500VAC FOR 60 SECONDS
 PINS:(13,..24)TO(36,..25)=1500VAC FOR 60 SECONDS

5.INSERTION LOSS:

-1.0 dB MAXIMUM AT 0.1MHz TO 100MHz

6.RETURN LOSS:

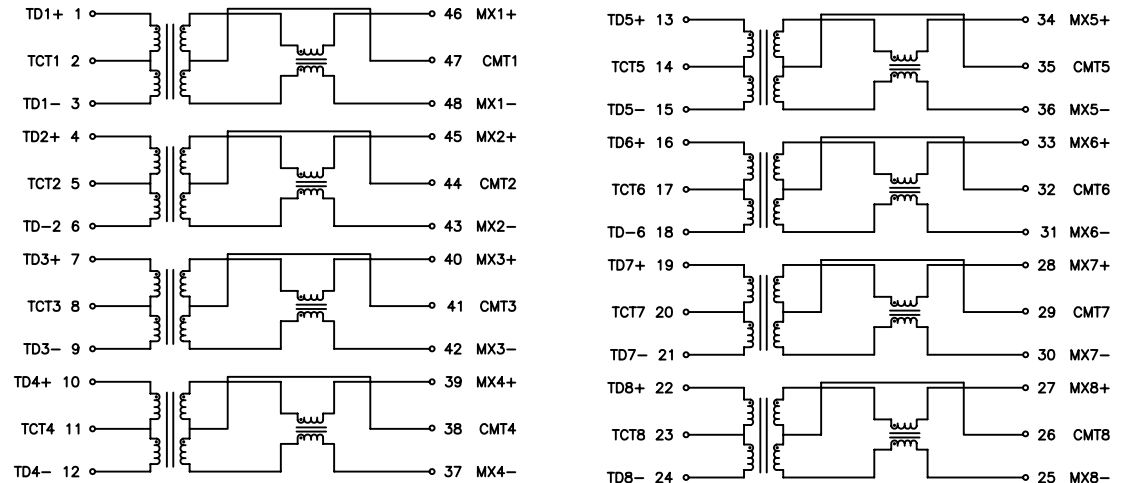
-18 dB MINIMUM AT 1MHz TO 30MHz
 -14.4 dB MINIMUM AT 40MHz
 -13.1 dB MINIMUM AT 50MHz
 -12 dB MINIMUM AT 60MHz TO 80MHz
 -10 dB MINIMUM AT 100MHz

7.CROSS TALK:

-40 dB MINIMUM AT 30MHz
 -35 dB MINIMUM AT 60MHz
 -33 dB MINIMUM AT 100MHz

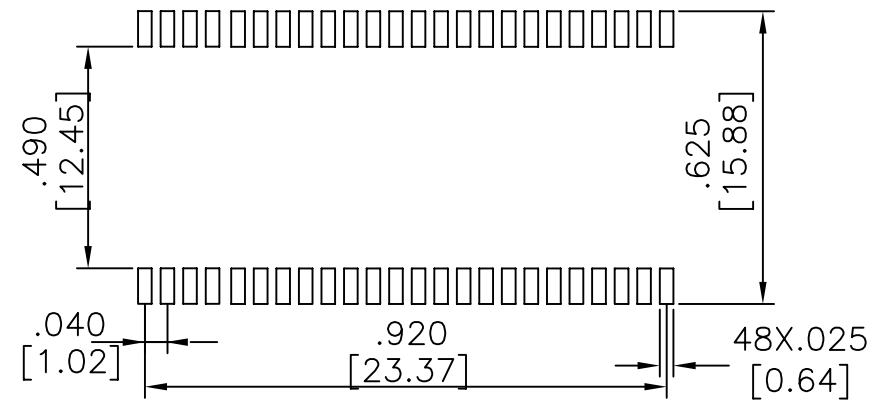
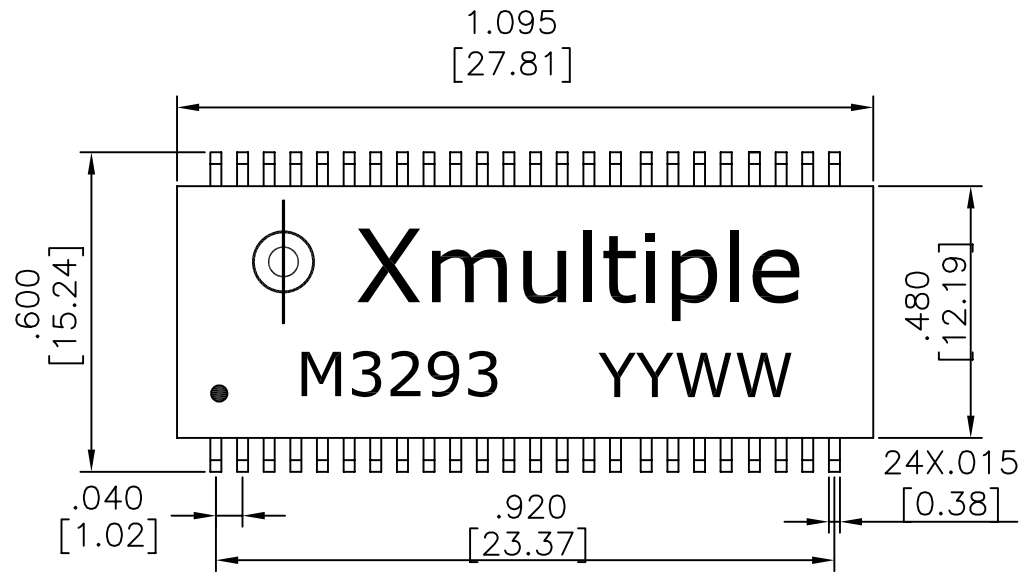
8.DIFFERENT TO COMMON MODE REJECTION:

-40 dB MINIMUM AT 30MHz
 -35 dB MINIMUM AT 60MHz
 -30 dB MINIMUM AT 100MHz

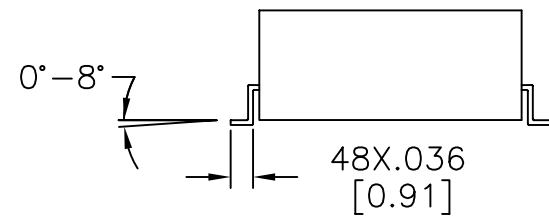
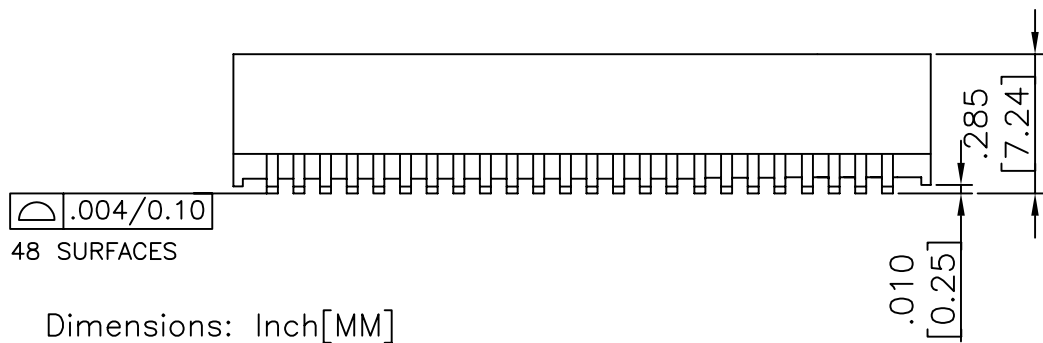


SCHEMATIC

<h1 style="font-size: 2em; margin: 0;">X MULTIPLE</h1>		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chiu, Taipei, Taiwan 11475		XMULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.		CUSTOMER/NO: XTFZ-M3293	
TITLE: 1000 BASE-T MAGNETICS MODULES		DWG NO: XTFZ-M3293	
PART NO: XTFZ-M3293		DRAWN: JEFF	
		CHKD: TARA	
		DATE: 19/01/05	
DIMENSIONS		SHEET	REV
mm[inch]		1 of 2	01



SUGGESTED PAD LAYOUT



Dimensions: Inch[MM]
 UNLESS OTHERWISE SPECIFIED DIM.
 TOLERANCES ARE: 0.1

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	mm[inch]	2 of 2	01
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