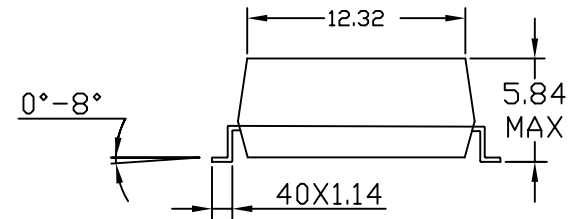
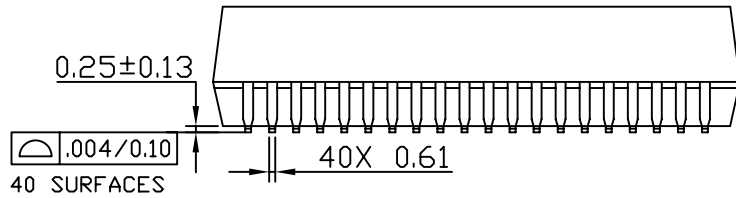
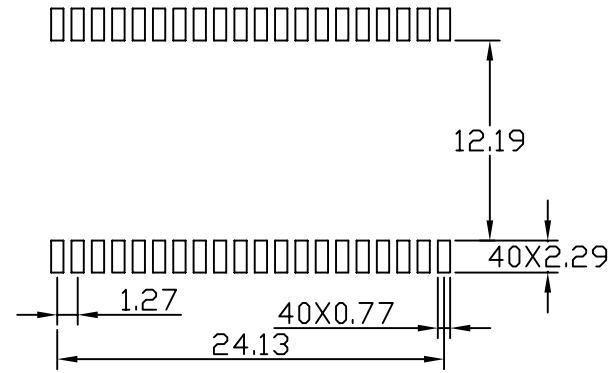
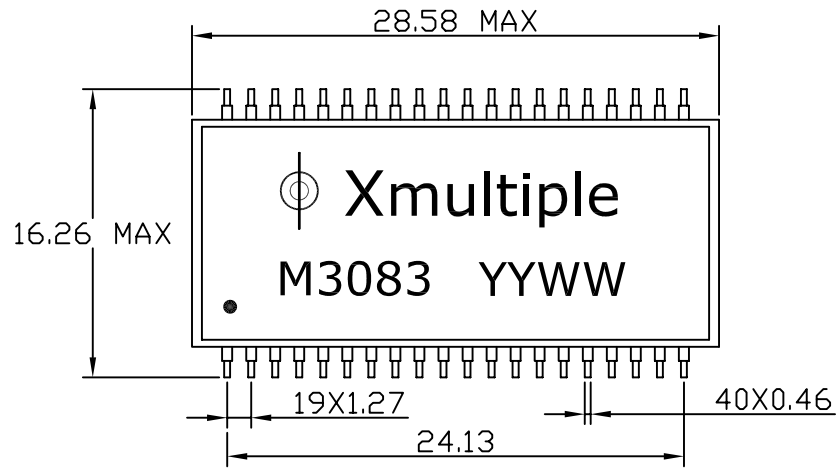


1. MECHANICAL DIMENSIONS :

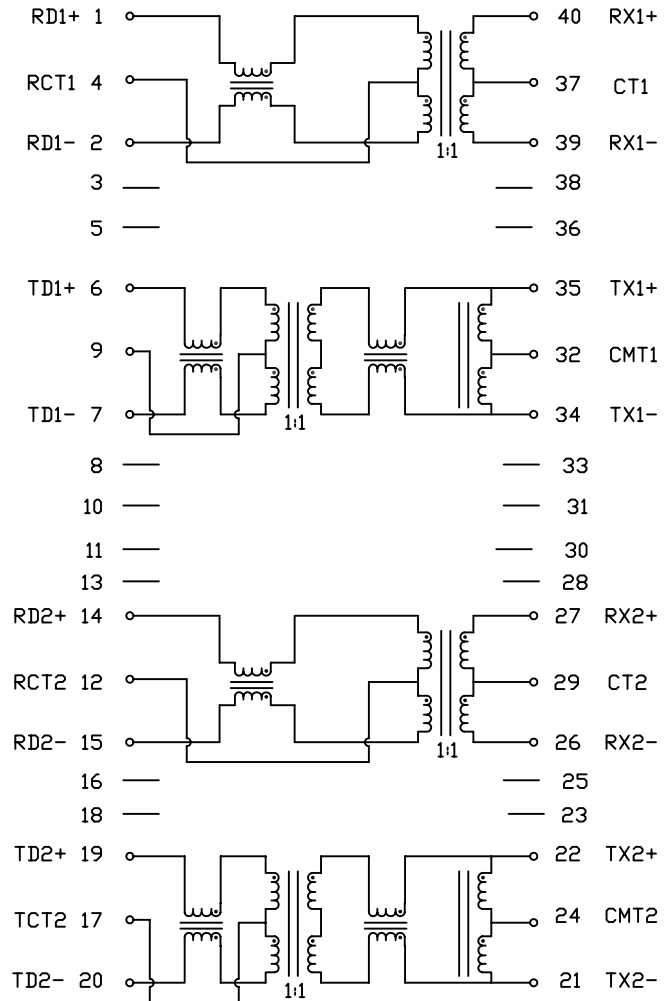


Dimensions: Inches/mm Unless otherwise specified, all tolerances are ±.010/0.25

RoHS Compliant

X MULTIPLE		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.		G/NO:	
TITLE: 10/100BASE-TX DUAL PORT TRANSFORMER MODULES For Use with Transceivers Requiring 1:1 Transmit and Receive Turns Ratios		DWG NO: XTFZ-M3083	
PART NO: XTFZ-M3083		DRAWN: AUSTIN	
		CHKD: JEFF	
UNIT mm[inch]	SHEET 1 of 2	REV 02	DATE: May.09.06

2. SCHEMATIC:



3. ELECTRICAL CHARACTERISTICS :

TEST NOTES: (25±5°C)

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

PINS: (1,2): (40,39)=1:1±3%: (6,7): (35,34)=1:1±3%

PINS: (14,15): (27,26)=1:1±3%: (19,20): (22,21)=1:1±3%

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

PINS: (40,39),(35,34),(27,26),(22,21)=350uH MIN

3.DCR:

PINS: (1,2),(6,7),(14,15),(14,15)=1.2 OHMS MAX

PINS: (40,39),(35,34),(27,26),(22,21)=1.0 OHMS MAX

4.HIPOT:

PINS: (1,4,2)TO(40,37,39)=1500VAC FOR 60 SECONDS

PINS: (6,9,7)TO(35,32,34)=1500VAC FOR 60 SECONDS

PINS: (14,12,15)TO(27,29,26)=1500VAC FOR 60 SECONDS

PINS: (19,17,20)TO(22,24,21)=1500VAC FOR 60 SECONDS

5.INSERTION LOSS:

-1.1dB MAXIMUM AT 0.1MHz TO 100MHz;

6.RETURN LOSS:

-21dB MINIMUM AT 1MHz TO 40MHz;

-17dB MINIMUM AT 40MHz TO 50MHz;

-14.5dB MINIMUM AT 50MHz TO 60MHz;

-10dB MINIMUM AT 60MHz TO 80MHz

7.CROSS TALK:

-50dB MINIMUM AT 1MHz TO 30MHz;

-40dB MINIMUM AT 30MHz TO 60MHz;

-33dB MINIMUM AT 60MHz TO 100MHz

8.DIFFERENTIAL TO COMMON MODE REJECTION:

-38dB MINIMUM AT 1MHz TO 60MHz;

-30dB MINIMUM AT 60MHz TO 200MHz

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UNIT mm[inch]	SHEET 2 of 2	REV 02	