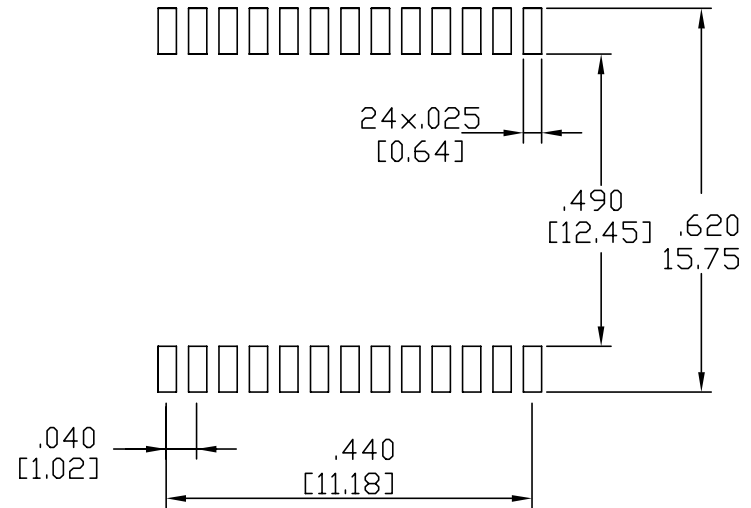
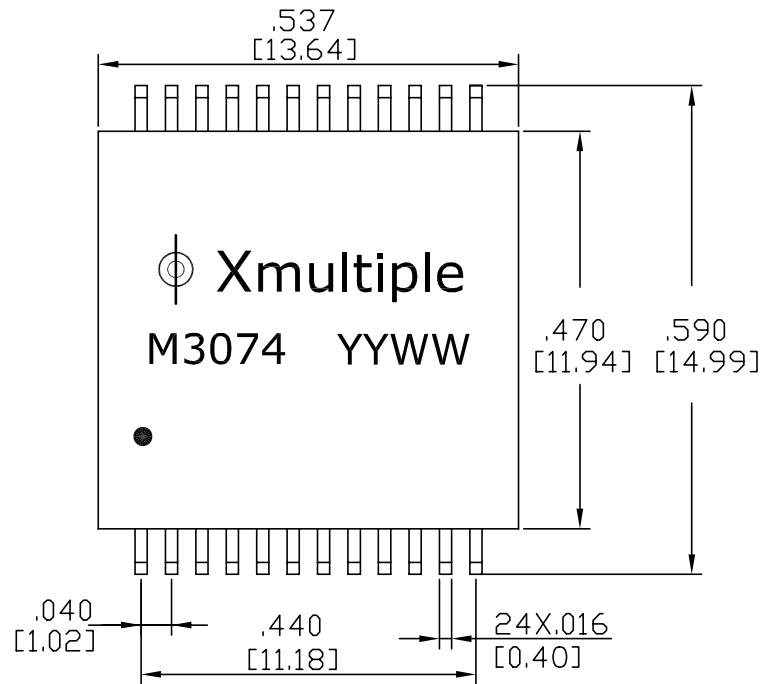
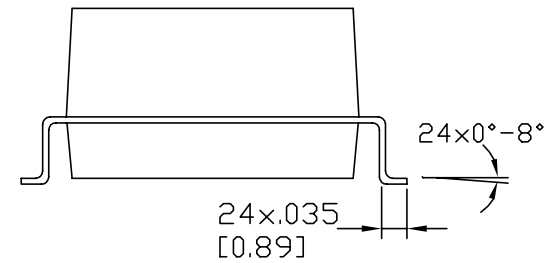
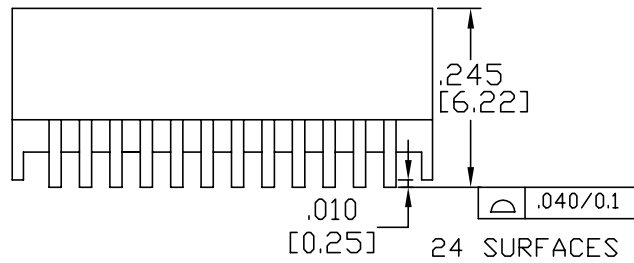


MECHANICALS



SUGGESTED PAD LAYOUT



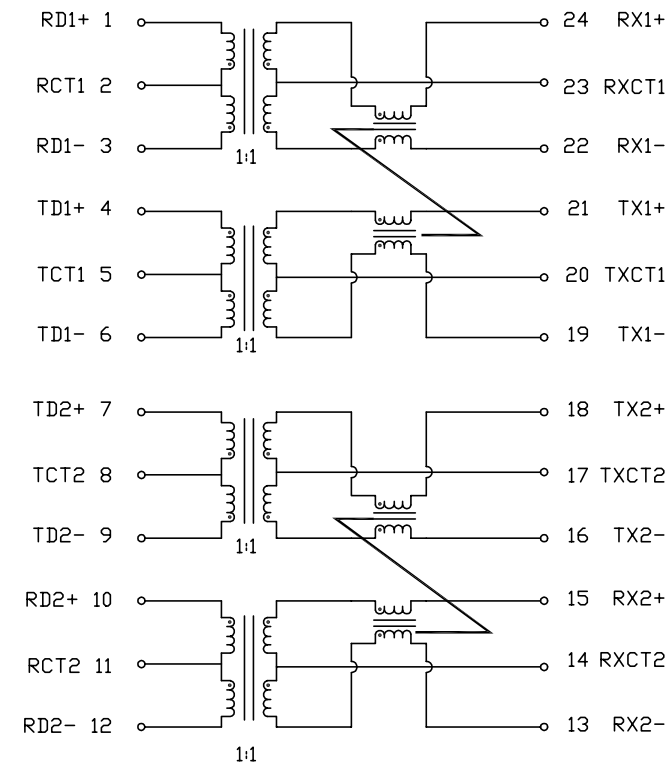
Dimensions:Inch[mm] all tolerances:0.01[0.25]

<h1>X MULTIPLE</h1>		CONNECTING THE INFORMATION AGE			
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chiu, Taipei, Taiwan 11475	XMULTIPLE USA 543 Country Club Drive #B 128 Simi Valley, CA 93065	CUSTOMER/NO:			
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG NO: XTFZ-M3074			
TITLE: POWER OVER ETHERNET (POE) MAGNETICS 10/100 BASE-TX VOLP MAGNETICS MODULES		DRAWN: TARA			
PART NO: XTFZ-M3074		CHKD: FUTIEN			
 	DIMENSIONS	SHEET	REV	DATE:	
inch [mm]		1 of 2	01	18/06/04	

TEST NOTES:(25±5°C)

- 1.TR: (100KHz,0.1V);
 PINS: (1,3):(24,22)=1:1±3%: (4,6):(21,19)=1:1±3%
 PINS: (7,9):(18,16)=1:1±3%: (10,12):(15,13)=1:1±3%
 %
- 2.LX:(100KHz,100mV,8mA, DC Bias)
 PINS: (1,3),(4,6),(7,9),(10,12)=350uH MIN
- 3.DCR:
 PINS: (24,22),(21,19),(18,16),(15,13)=1.5 OHMS MAX
 PINS: (1,3),(4,6),(7,9),(10,12)=1.2 OHMS MAX
- 4.HIPOT:
 PINS: (1,2,3)TO(24,23,22)=1500VAC FOR 60 SECONDS
 PINS: (4,5,6)TO(21,20,19)=1500VAC FOR 60 SECONDS
 PINS: (7,8,9)TO(18,17,16)=1500VAC FOR 60 SECONDS
 PINS: (10,11,12)TO(15,14,13)=1500VAC FOR 60 SECONDS
- 5.INSERTION LOSS:
 -1.2dB MAXIMUM AT 0.1MHz TO 100MHz;
- 6.RETURN LOSS:
 -16dB MINIMUM AT 1MHz TO 40MHz;
 -14dB MINIMUM AT 40MHz TO 50MHz;
 -13dB MINIMUM AT 50MHz TO 60MHz;
 -10dB MINIMUM AT 60MHz TO 80MHz
- 7.CROSS TALK:
 -37dB MINIMUM AT 1MHz TO 60MHz;
 -31dB MINIMUM AT 60MHz TO 100MHz;
- 8.DIFFERENTIAL TO COMMON MODE REJECTION:
 -43dB MINIMUM AT 1MHz TO 30MHz;
 -37dB MINIMUM AT 30MHz TO 60MHz;
 -33dB MINIMUM AT 60MHz TO 100MHz

SCHEMATIC



<h1 style="font-size: 2em;">X MULTIPLE</h1>		CONNECTING THE INFORMATION AGE
X MULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chiu, Taipei, Taiwan 11475	X MULTIPLE USA 543 Country Club Drive #B 128 Simi Valley, CA 93065	CUSTOMER/NO: XTFZ-M3074
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TITLE: POWER OVER ETHERNET (POE) MAGNETICS 10/100 BASE-TX VOLP MAGNETICS MODULES		DRAWN: TARA
PART NO: XTFZ-M3074		CHKD: FUTIEN
	DIMENSIONS inch [mm]	SHEET 2 of 2
	REV 01	DATE: 18/06/04