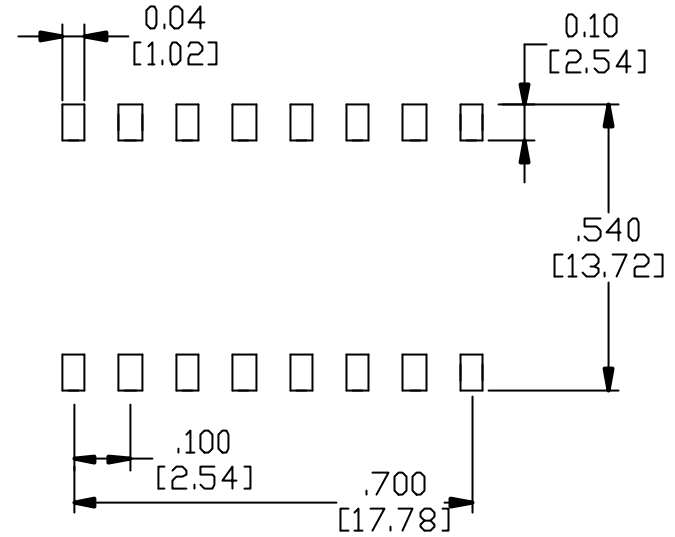
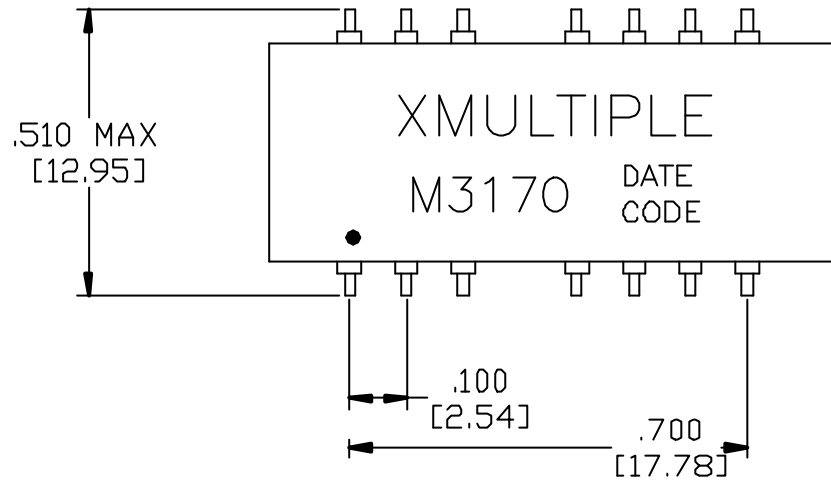
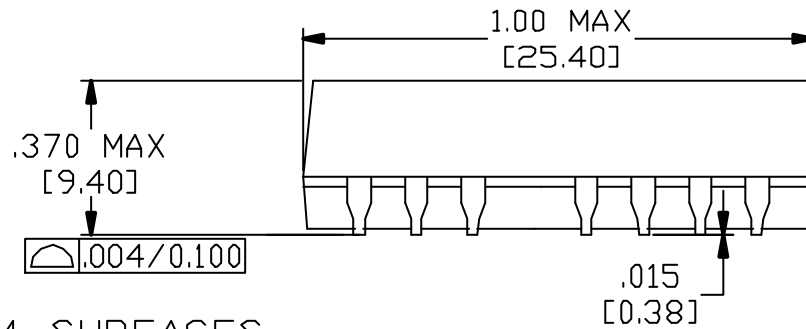


MECHANICALS

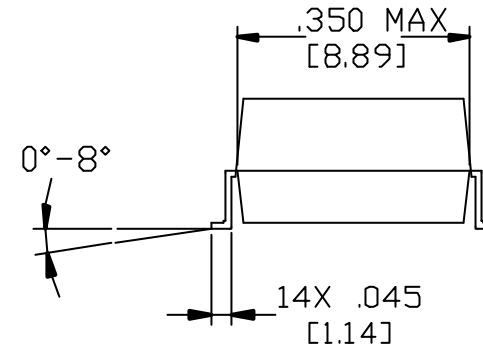


SUGGESTED PAD LAYOUT



14 SURFACES

Dimensions: Inch [mm]

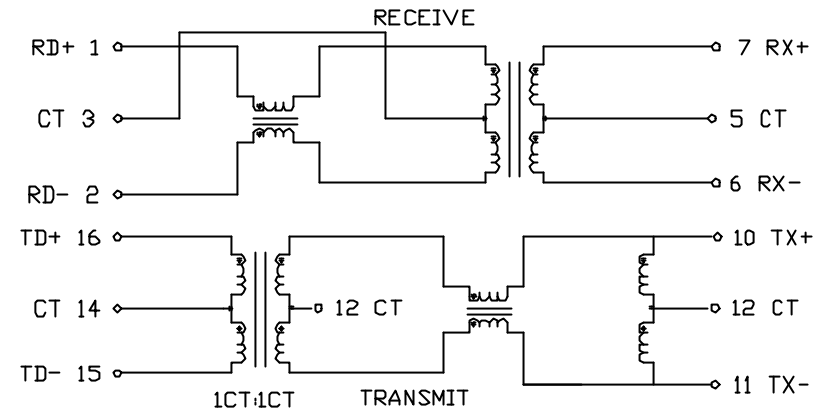


XMULTIPLE		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St. Neihu Chu, Taipei, Taiwan 11473		XMULTIPLE USA 343 Country Club Drive #B 128 Sni Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.		CUSTOMER/NO:	
TITLE: 10/100 BASE-T SINGLE PORT TRANSFORMER MODULES		DWG NO: XTFZ-M3170	
PART NO: XTFZ-M3170		DRAWN: JEFF	
		CHKD: FUTIEN	
		DATE: 30/04/04	
DIMENSIONS	SHEET	REV	
Inch [mm]	1 of 2	01	

TEST NOTES:(25±5°C)

1. TR:(100KHz,0.1V);
 PINS:(1,2):(7,6)=1:1± 3%
 PINS:(16,15):(10,11)=1:1± 3%
2. LX:(100KHz,100mV,8mA, DC Bias)
 PINS:(7,6),(10,11)=350uH MIN
3. DCR:
 PINS:(1,2) =1.2 OHMS MAX
 PINS:(7,6),(10,11),(15,16) =1.0 OHMS MAX
4. HIPOT:
 PINS:(1,3,2)TO(7,5,6)=1500VAC FOR 60 SECONDS
 PINS:(16,14,15)TO(10,12,11)=1500VAC FOR 60 SECONDS
5. INSERTION LOSS:
 -1.0dB MAXIMUM AT 0.1MHz TO 100MHz;
6. RETURN LOSS:
 -18dB MINIMUM AT 1MHz TO 40MHz;
 -18dB MINIMUM AT 40MHz TO 50MHz;
 -16dB MINIMUM AT 50MHz TO 60MHz;
 -12dB MINIMUM AT 60MHz TO 80MHz
7. CROSS TALK:
 -55dB MINIMUM AT 1MHz TO 30MHz;
 -50dB MINIMUM AT 30MHz TO 60MHz;
 -50dB MINIMUM AT 60MHz TO 100MHz
8. DIFFERENTIAL TO COMMON MODE REJECTION:
 -50dB MINIMUM AT 1MHz TO 30MHz;
 -45dB MINIMUM AT 30MHz TO 60MHz;
 -40dB MINIMUM AT 60MHz TO 100MHz

SCHEMATIC



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THIS DRAWING IS A CONTROLLED DOCUMENT.		CUSTOMER/NO:	
TITLE: 10/100 BASE-T SINGLE PORT TRANSFORMER MODULES		DWG NO: XTFZ-M3170	
PART NO: XTFZ-M3170		DRAWN: JEFF	
		CHKD: FUTIEN	
		DATE: 30/04/04	
DIMENSIONS Inch [mm]		SHEET 2 of 2	REV 01