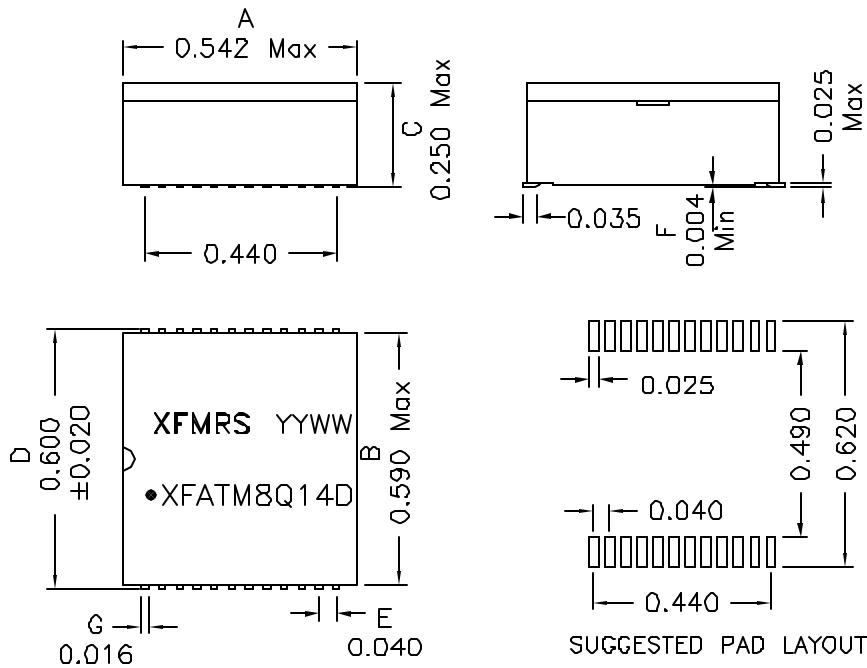
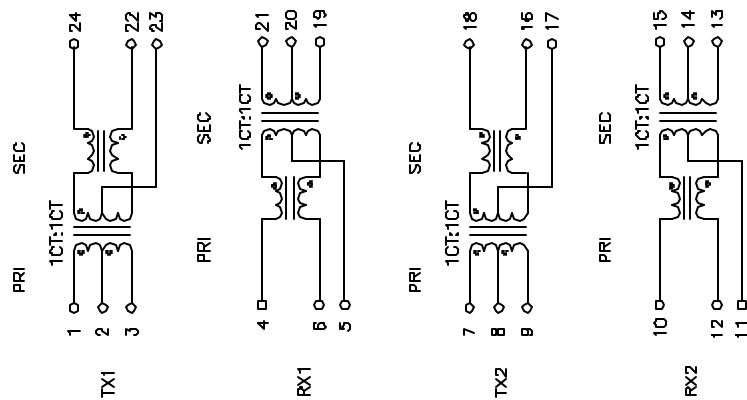


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specifications: @25°C

ISOLATION: 1500 Vrms

Turns Ratio: 1CT:1CT ±3% RX (PRI:SEC)

Turns Ratio: 1CT:1CT ±3% TX (PRI:SEC)

PRI OCL: 350 uH Min @100KHz 100mV 8mADC

PRI LL: 0.25 uH Max @100KHz 100mV Short SEC

PRI CW/W: 25pF Max @100KHz 100mV

DCR: Pri & Sec 1.0 Ohms Max

INSERTION LOSS: -1.2dB Typ @100KHz-100MHz

RETURN LOSS: -18dB Min @2-30MHz

-16dB Min @40MHz

-14dB Min @50MHz

-12dB Min @60-80MHz

Crosstalk: -60dB Typ @1MHz

-45dB Typ @30MHz

-40dB Typ @60MHz

-35dB Typ @100MHz

Common to Differential Mode Rejection:

-45dB Typ @1-60MHz

-35dB Typ @60-200MHz

PRI Q: 5 Min @10KHz 50mV

#### Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151558
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: B/1

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<b>XFMRS Inc</b> www.XFMRS.com		Title: 10/100 BASE-TX DUAL XFMR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH		P/N: XFATM8Q14D	REV. B
		DWN.	Mei Chen
		CHK.	YK Liao
SHEET 1 OF 1		APP.	Joe Huff
			Aug-22-11
			Aug-22-11
			Aug-22-11