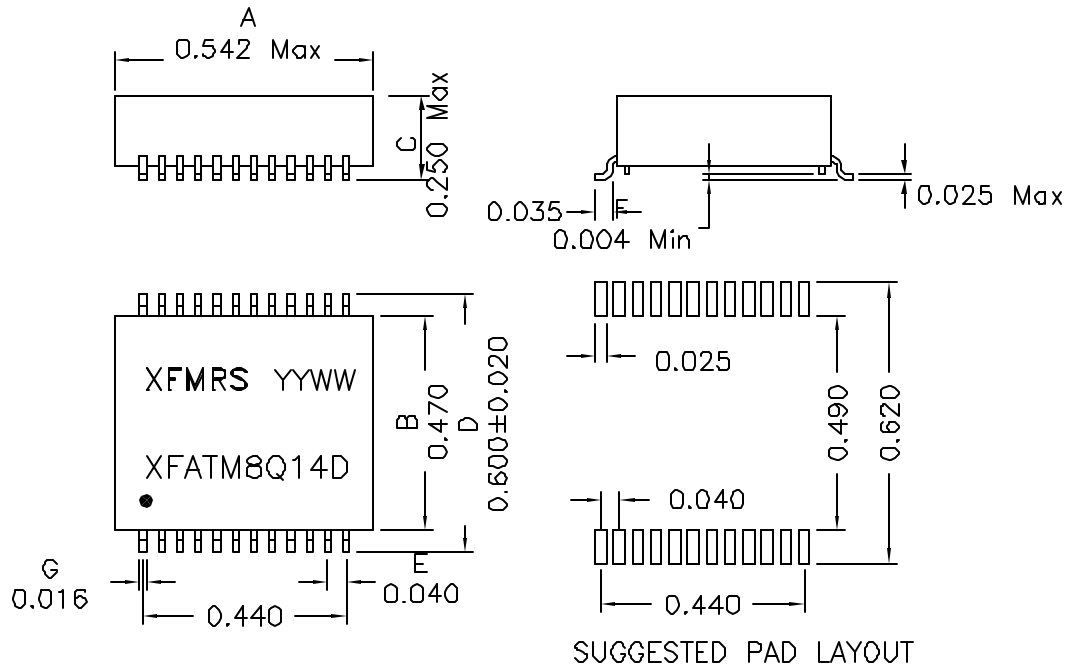
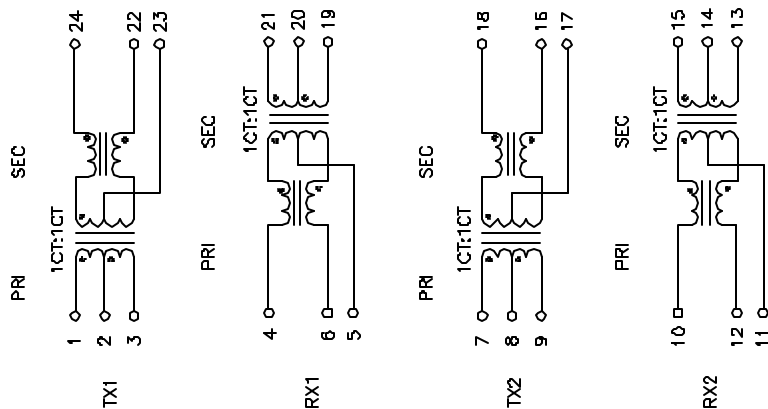


### 1. Mechanical Dimensions:



### 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

**Notes:**

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 26%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004" (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC. REV: A/4

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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. A
	DWN. Juan Mao	Mar-27-08
SCALE 2:1 SHT 1 OF 1	CHK. YK Liao	Mar-27-08
	APP. BW	Mar-27-08