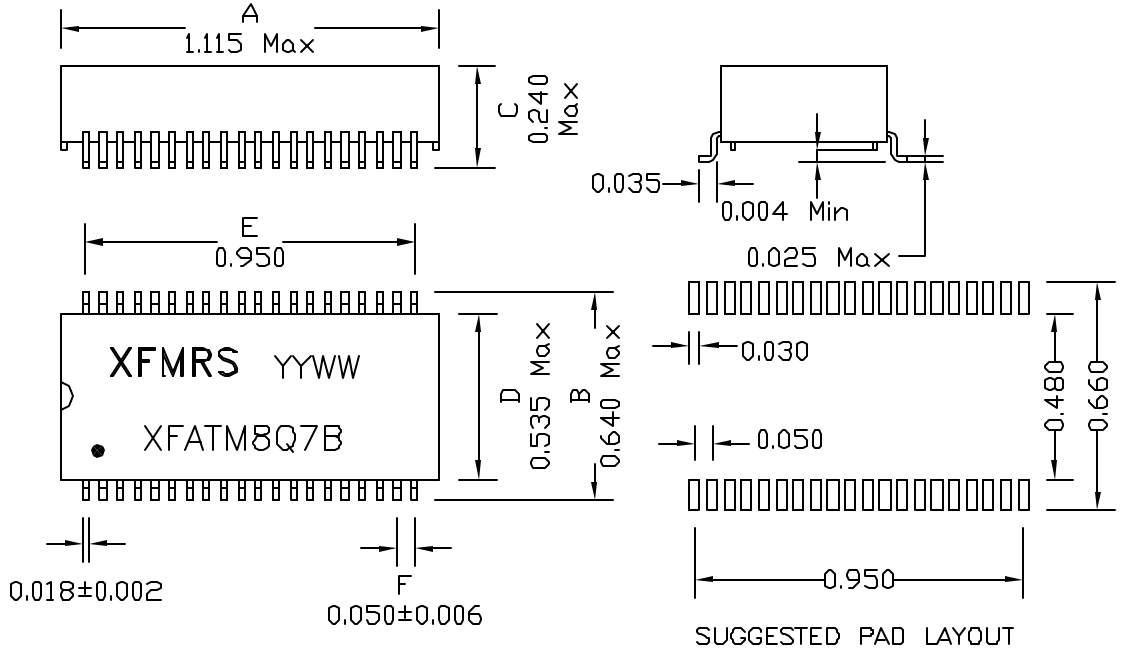
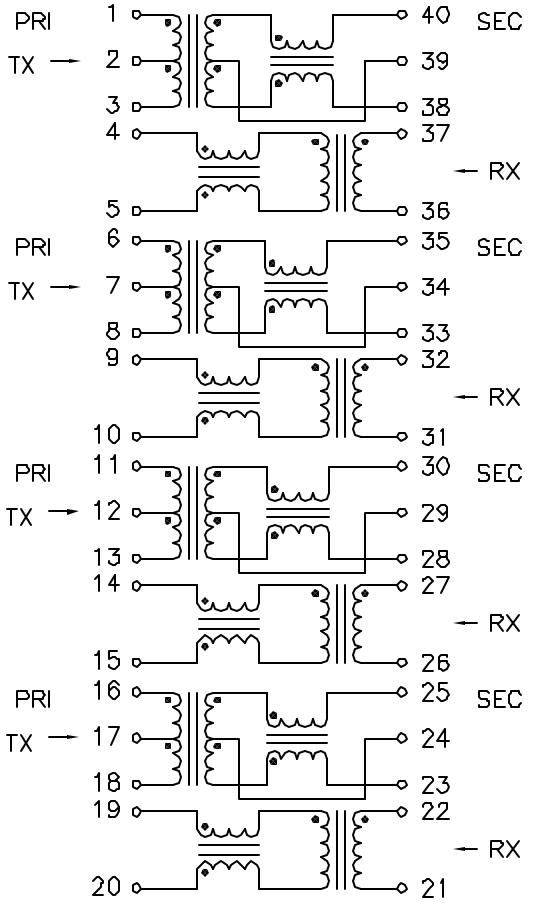
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

Turns Ratio: PRI/SEC TX 1CT:1CT ±3% RX 1:1 ±3%

Isolation Voltage: 1500 Vrms (Input to Output)

PRI DC Resistance: 0.90 ohms Maximum

SEC OCL: 350uH Minimum @100KHz,100mV 8mADC

SEC Leakage Inductance: 0.35uH Maximum @100KHz 100mV PRI SHORTED

PRI/SEC Cw/w: 20pF Typical @100KHz 100mV

Rise time: 2.5ns Typical

CROSSTALK: -38dB Minimum @100KHz-100MHz

CMRR: -40dB Typical @100KHz-100MHz

SEC Q: 8 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 E151556
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: A/6

XFMRS Inc www.XFMRS.com	Title: Quad Port 10/100BASE-TX Module		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XFATM8Q7B		REV. A
	DWN.	Xianyi	Sep-04-08
	CHK.	YK Liao	Sep-04-08
SHEET 1 OF 1	APP.	BW	Sep-04-08

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