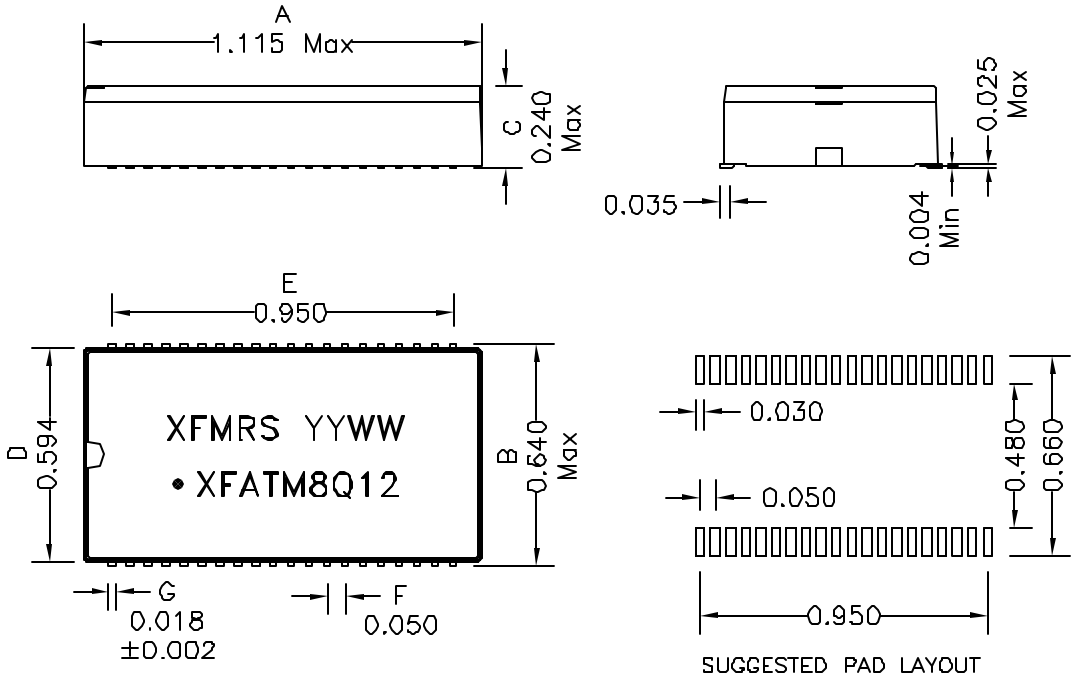
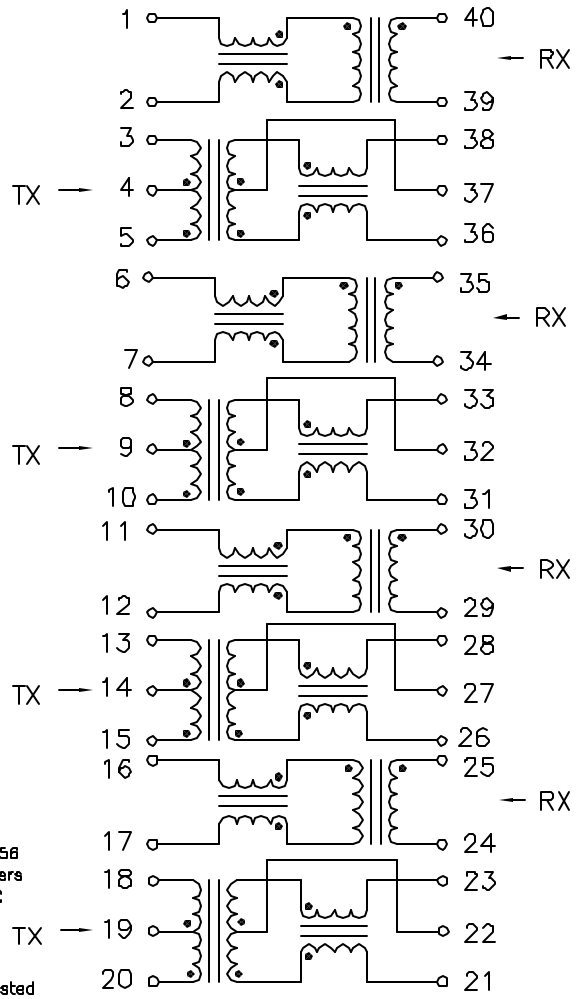
1. Mechanical Dimensions:



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 OCL: 350uH Minimum @100KHz,100mV 8mADC
INSERTION LOSS: -0.5dB Typ @300KHz - 100MHz
RETURN LOSS: 2-30MHz -21dB TYPICAL
40MHz -17dB TYPICAL 50MHz -14.5dB TYPICAL
60MHz-80MHz -12dB TYPICAL
CROSSTALK: -35dB Typical @100KHz-100MHz
CMRR: -30dB Typical @100KHz-80MHz
Differential to Common Mode Rejection:
-40dB Typical @100KHz-60MHz -30dB Typical @60MHz-200MHz
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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XFMRS Inc www.XFMRS.com	Title: Quad Port 10/100BASE-TX Module		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XFATM8Q12		REV. B
	DWN.	Feng	Oct-06-11
	CHK.	YK Liao	Oct-06-11
SHEET 1 OF 1	APP.	Joe Huff	Oct-06-11