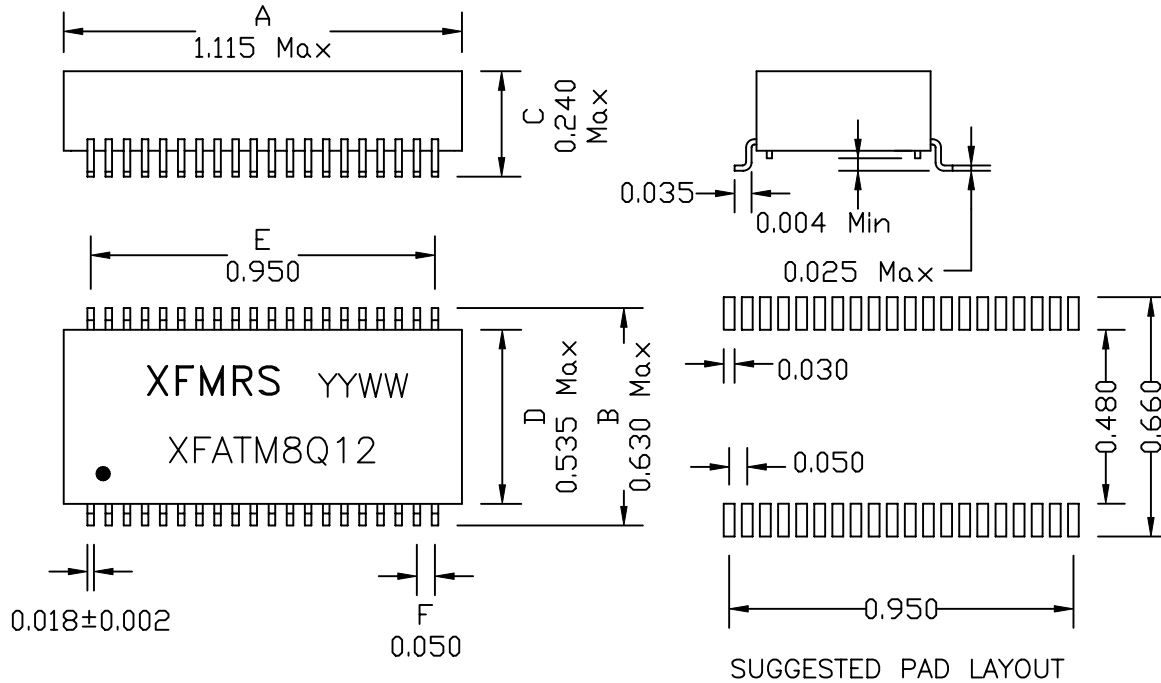
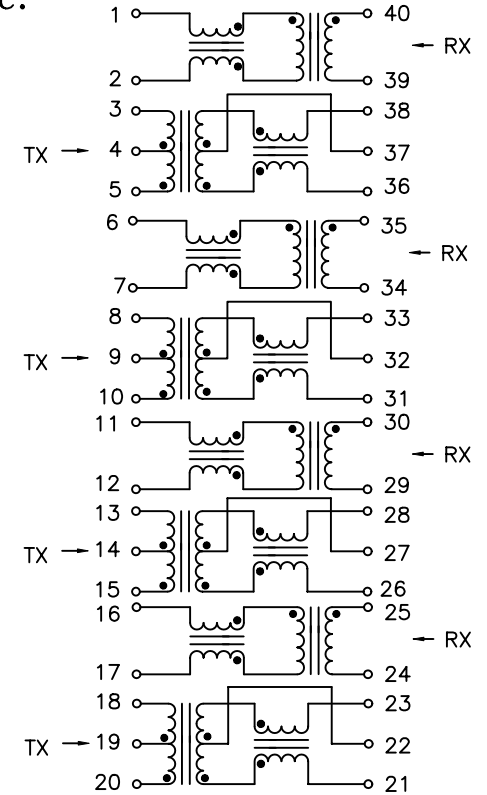


### 1. Mechanical Dimensions:



### 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

#### Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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. Moisture Sensitivity: Level 2

XFMRS Inc	Title: Quad Port 10/100BASE-TX Module		
	UNLESS OTHERWISE SPECIFIED TOLERANCES:		P/N: XFATM8Q12 REV. A
	.xxx ±0.010	DWN.	Juan Mao Sep-30-04
	Dimensions in INCH	CHK.	YK Liao Sep-30-04
SCALE 2:1 SHT 1 OF 1	APP.	MS	Sep-30-04

DOC REV: A/7

PROPRIETARY

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