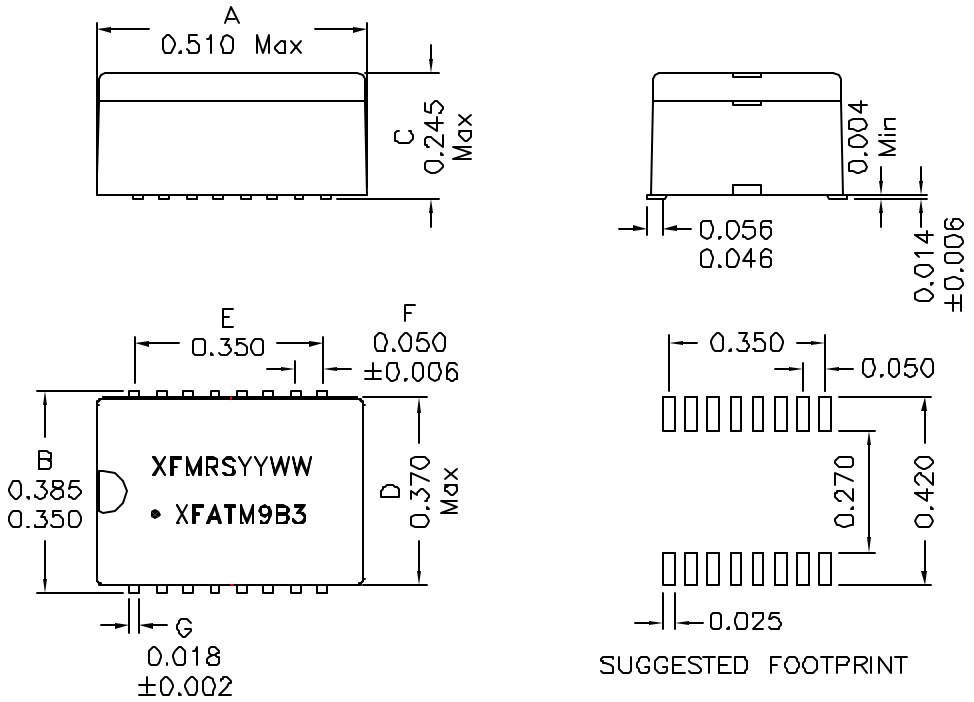
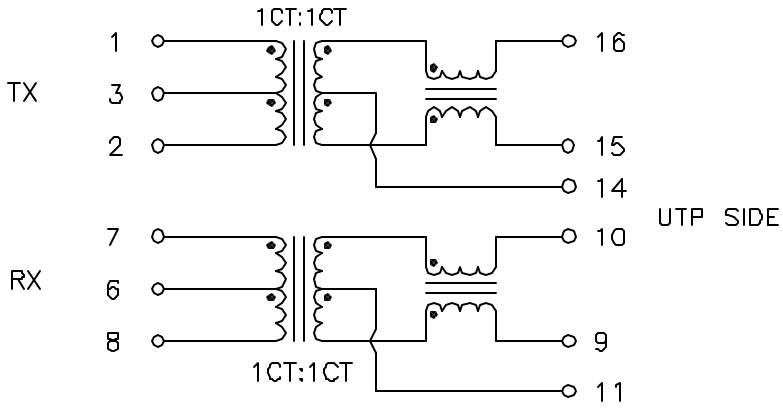
1. Mechanical Dimensions:



SUGGESTED FOOTPRINT

2. Schematic:



3. Electrical Specifications: @25°C

UTP Impedance: 100 OHMS
Turns Ratio: TX : 1CT:1 ±2% RX : 1CT:1CT ±2%
Isolation Voltage: 1500 VAC (Input to Output)
UTP Side OCL: 350uH Minimum @100KHz,100mV 8mADC
Rise Time (10-90%): 4.0ns Typical
Insertion Loss (1-100MHz): -1.0dB Maximum
Return Loss : 30MHz 60MHz 80MHz
-20dB -14dB -11.5dB (Typical)
CMRR (1MHz-100MHz): -40dB TYPICAL
Crosstalk Attenuation: -40dB Minimum
UTP Side 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 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. B/2

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XFMRS Inc. www.XFMRS.com	Title: 10/100BASE-TX MAGNETICS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM9B3		REV. B
	DWN.	Mei Chen	Mar-27-12
	CHK.	YK Liao	Mar-27-12
SHEET 1 OF 1	APP.	BW	Mar-27-12