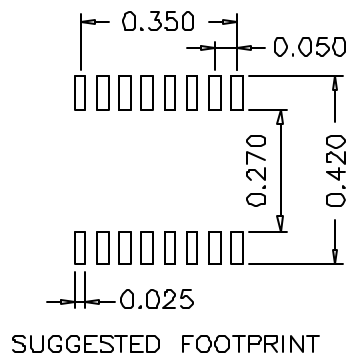
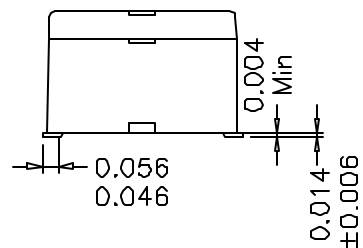
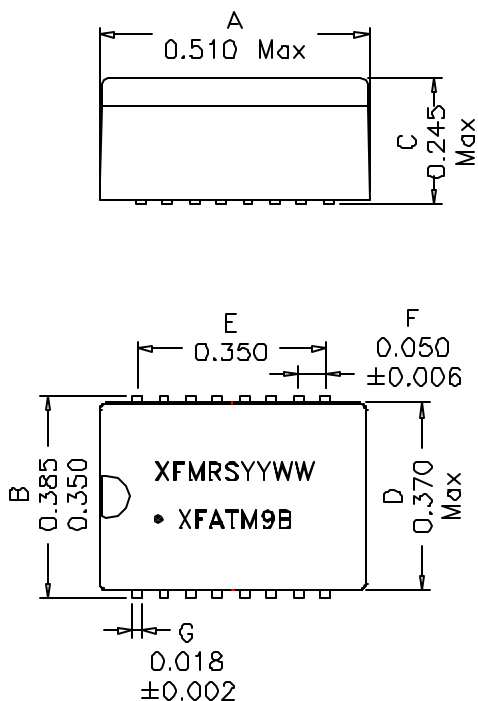


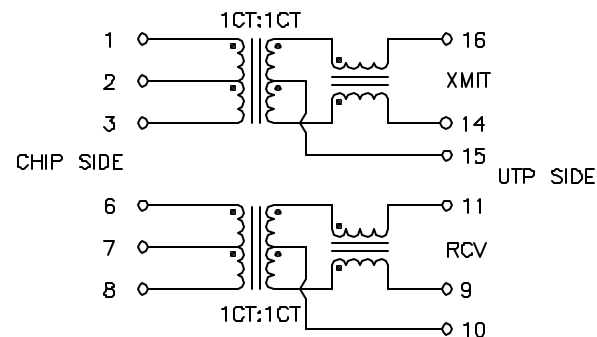
1. Mechanical Dimensions:



Notes:

1. Solderability: Leads shall meet MIL-STD-2026, Method 20BH 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

2. Schematic:



3. Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX=1CT:1CT±2% RX=1CT:1CT±2%

Isolation Voltage: 1500Vac, Input to Output

UTP Side OCL: 350uH Min @100KHz 0.1V, 8mA_{dc}

UTP Side Q: 16 Min @100KHz 0.1V,

Rise Time (10-90%): 4.0ns Typical

Insertion Loss (1-132MHz): -1.0dB Maximum

Return Loss:	30MHz	60MHz	80MHz	132MHz	
	-20dB	-14dB	-11.5dB	-9.5dB	Typ

CMRR:	30MHz	50MHz	100MHz	132MHz	
	-42dB	-37dB	-33dB	-25dB	Typ

Crosstalk:	30MHz	60MHz	100MHz	132MHz	
	-45dB	-40dB	-35dB	-28dB	Typ

DOC. REV: C/2

PROPRIETARY

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XFMRs INC www.XFMRs.com	Title: 10/100 BASE MAGNETIC MODULE		
	UNLESS OTHERWISE SPECIFIED	P/N: XFATM9B	REV. C
TOLERANCES: .xxx ±0.010	DWN.	Mei Chen	Sep-08-11
Dimensions in Inch	CHK.	YK Liao	Sep-08-11
SHEET 1 OF 1	APP.	Joe Huff	Sep-08-11