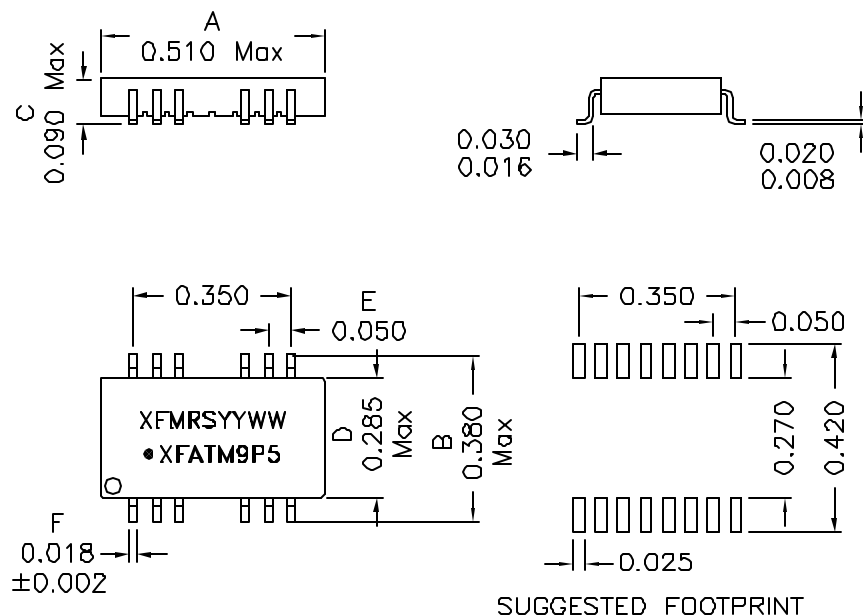


1. Mechanical Dimensions:

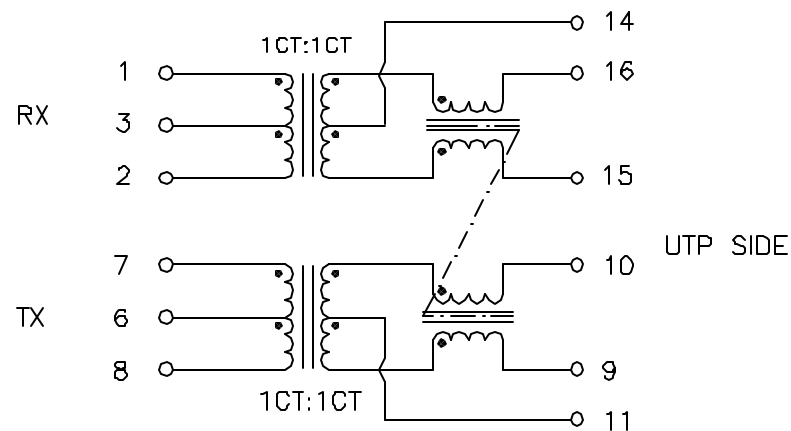


Notes:

1. Solderability: Leads shall meet MIL-STD-202C, 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 0°C to +70°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/7

2. Schematic:



3. Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX : 1CT:1CT $\pm 2\%$ RX : 1CT:1CT $\pm 2\%$

Isolation Voltage: 1500 VAC (Input to Output)

UTP Side OCL: 350uH Minimum @100KHz, 100mV

UTP Side Q: 8 Minimum @100KHz, 100mV

Rise Time (10-90%): 2.0ns Typical

Insertion Loss (1-100MHz): -1.0dB Maximum

Return Loss(5-100MHz): -12dB Typical

CMRR (1MHz-100MHz): -40dB TYPICAL

Crosstalk Attenuation: -50dB Typ.

XFMRs Inc. www.XFMRs.com		Title: 10/100BASE-TX MAGNETICS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Inch Dimensions in Inch/mm	P/N: XFATM9P5		REV. A
	DWN.	Feng	Oct-18-11
	CHK.	YK Liao	Oct-18-11
SHT 1 OF 1	APP.	Joe Huff	Oct-18-11