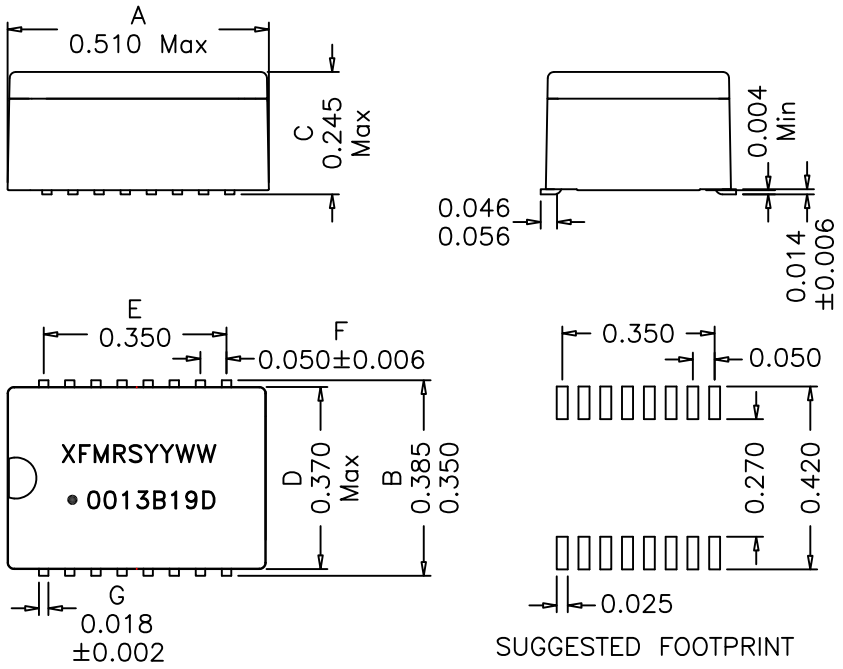
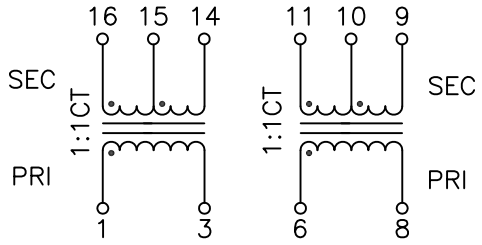
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:@25°C

Isolation Voltage: 1500 VAC

Turns Ratio: (1−3):(16−15−14)=1:1CT ±3%

Turns Ratio: (6−8):(11−10−9)=1:1CT ±3%

PRI OCL: 1.2mH Min @100KHz 100mV

PRI Q: 8 Min @10KHz 50mV

Cw/w: 22pF Maximum @100KHz 100mV (Pri/Sec)

Pri LL: 0.36uH Max @100KHz 100mV (Short Sec)

DC Resistance: 0.80 Ohms Maximum (each wdg)

Insertion Loss: −0.5dB Max @ 5MHz
−1.0dB Max @10MHz
−1.0dB Max @20MHz
−1.5dB Max @50MHz

Bandwidth: 0.5 MHz to 70 Mhz, −3 dB

E−T Constant: Pins 1−3 & 6−8 10 V−uSec Min

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/4

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XFMRS Inc. www.XFMRS.com	Title: SMD T1/E1 ISOLATION MODULE		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0013B19D		REV. B
	DWN.	Yaun	Nov−21−13
	CHK.	YK Liao	Nov−21−13
SHT 1 OF 1	APP.	Joe Huff	Nov−21−13