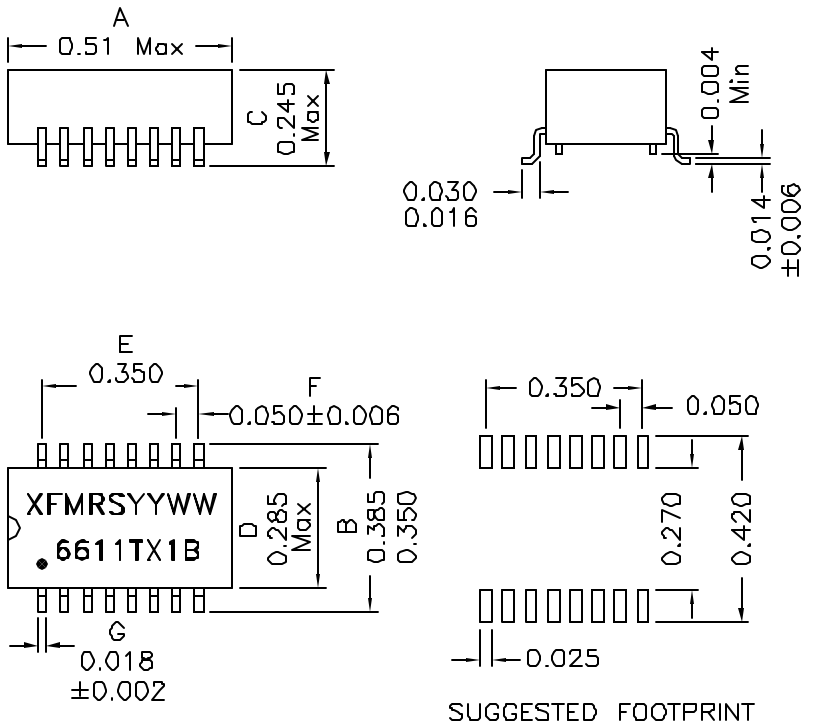
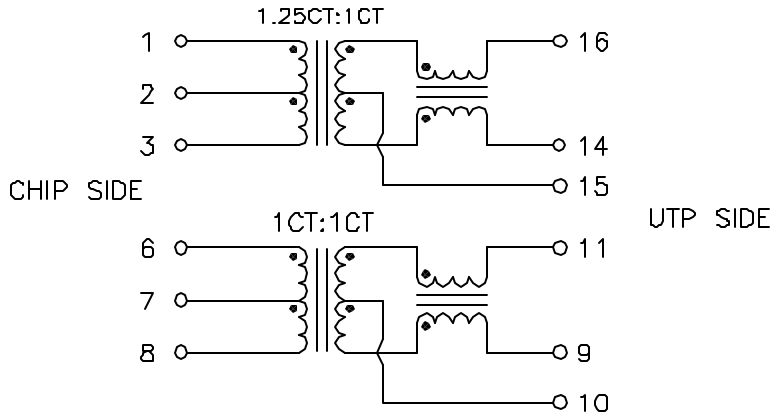
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

Turns Ratio: TX 1.25CT:1CT (±5%) RX 1CT:1CT (±5%)
Isolation Voltage: 1500 Vrms (Input to Output)
UTP Side OCL: 350uH Minimum @100KHz,100mV 8mADC
UTP Side Q: 8 Minimum @10KHz,50mV
Insertion Loss (0.1–100MHz): 1.0dB Typ

Return Loss (dB Typ):	30MHz	60MHz	80MHz
	−16	−12	−10

Crosstalk (dB Max):	32MHz	62MHz	100MHz
	−40	−35	−35

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 E151558
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: A/7

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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: XF6611TX1B		REV. A
	DWN.	Mei Chen	Jul-15-10
	CHK.	YK Liao	Jul-15-10
SHEET 1 OF 1	APP.	Joe Huff	Jul-15-10