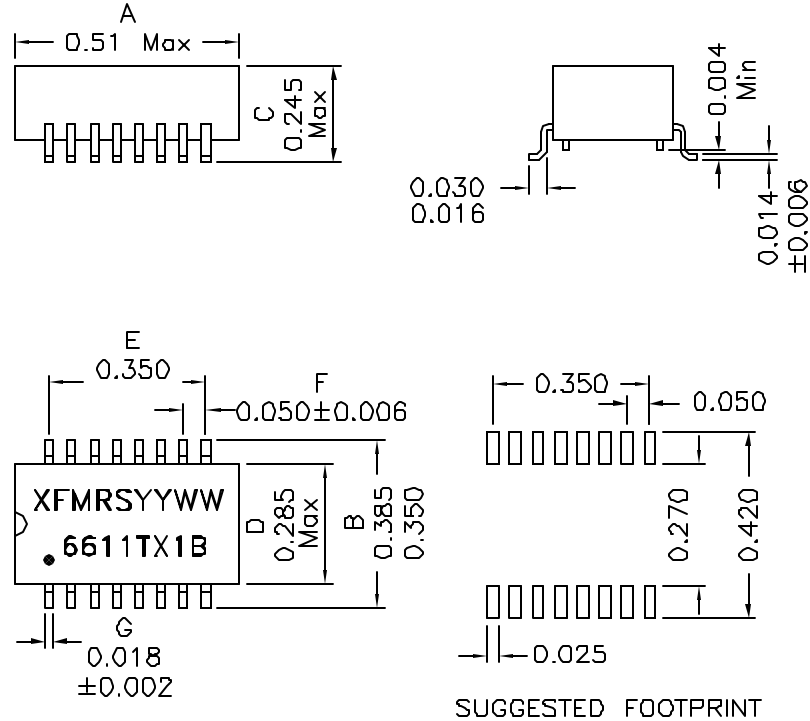
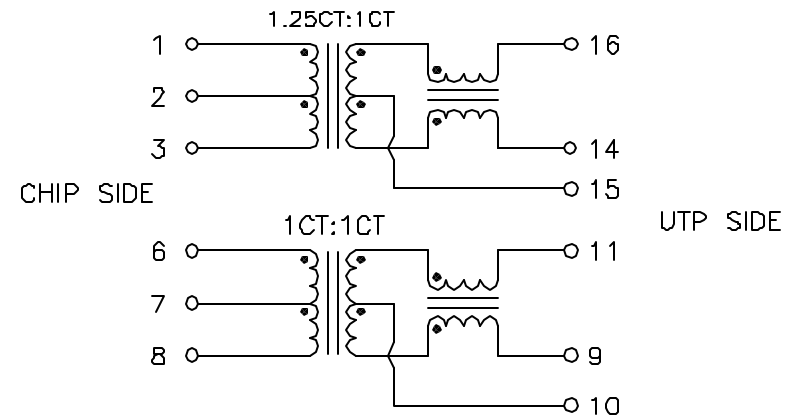


1. Mechanical Dimensions:



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 E15155B
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

PROPRIETARY

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XFMRS Inc. www.XFMRS.com		Title: 10/100BASE-TX MAGNETICS	
UNLESS OTHERWISE SPECIFIED		P/N: XF6611TX1B	REV. A
TOLERANCES: .xxx ±0.010		DWN.	Mei Chen Jul-15-10
Dimensions in Inch		CHK.	YK Liao Jul-15-10
SHEET 1 OF 1		APP.	Joe Huff Jul-15-10