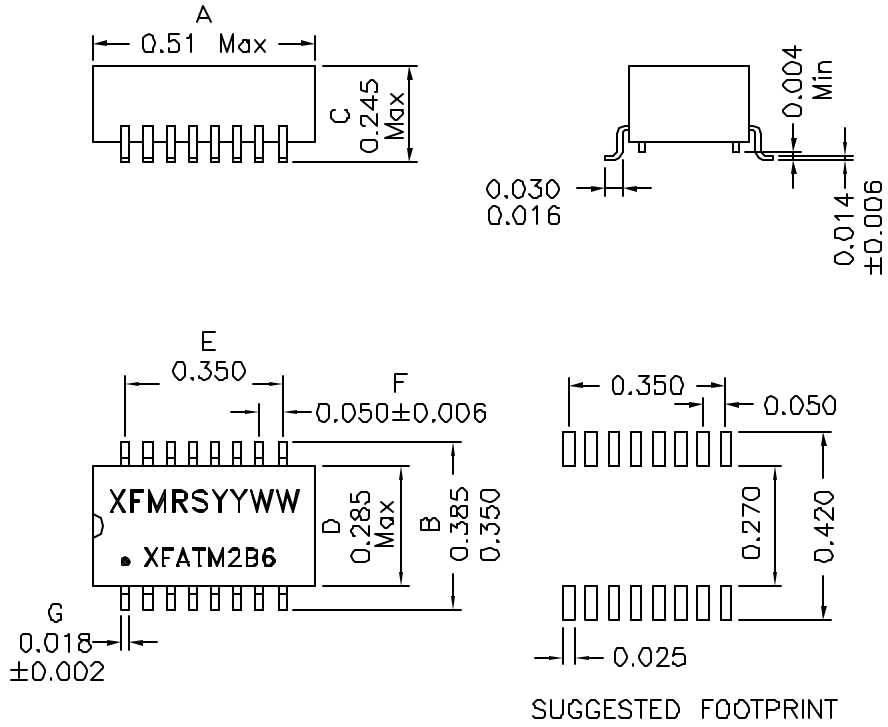


1. Mechanical Dimensions:

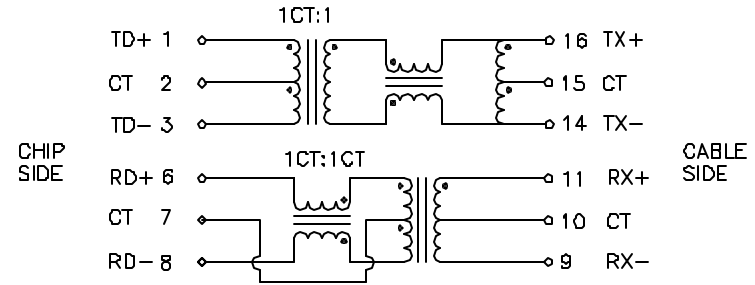


Notes:

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. A/5

2. Schematic:



3. Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)
 CHIP SIDE OCL: 350uH Minimum @100KHz 100mV 8mADC
 CHIP SIDE Q: 8 Minimum @10KHz 50mV
 Pri DCR: 1.0 Ohms Max
 Cw/w: (Pri/Sec) 30pF Typ @100KHz 0.1V
 Rise Time (10-90%): 4.0ns Maximum
 Insertion Loss (100KHz-100MHz): -1.0dB Maximum
 Insertion Loss (100MHz-125MHz): -1.5dB Maximum
 Return Loss:

@30MHz -20dB Typ Rx: @30MHz -18dB Typ
 @80MHz -15dB Typ @80MHz -12dB Typ

CM-DM Attenuation:

100KHz-60MHz -45dB Typ.(Tx) / -40dB Typ.(Rx)
 60MHz-100MHz -40dB Typ.(Tx) / -35dB Typ.(Rx)

Crosstalk:

100KHz-60MHz -40dB Typical
 60MHz-100MHz -38dB Typical

XFMRs Inc. www.XFMRs.com		Title: 10/100BASE-TX MAGNETICS	
UNLESS OTHERWISE SPECIFIED		P/N: XFATM2B6	REV. A
TOLERANCES: .xxx ±0.010		DWN.	Mei Chen May-14-10
Dimensions in Inch		CHK.	YK Liao May-14-10
SHEET 1 OF 1		APP.	Joe Huff May-14-10