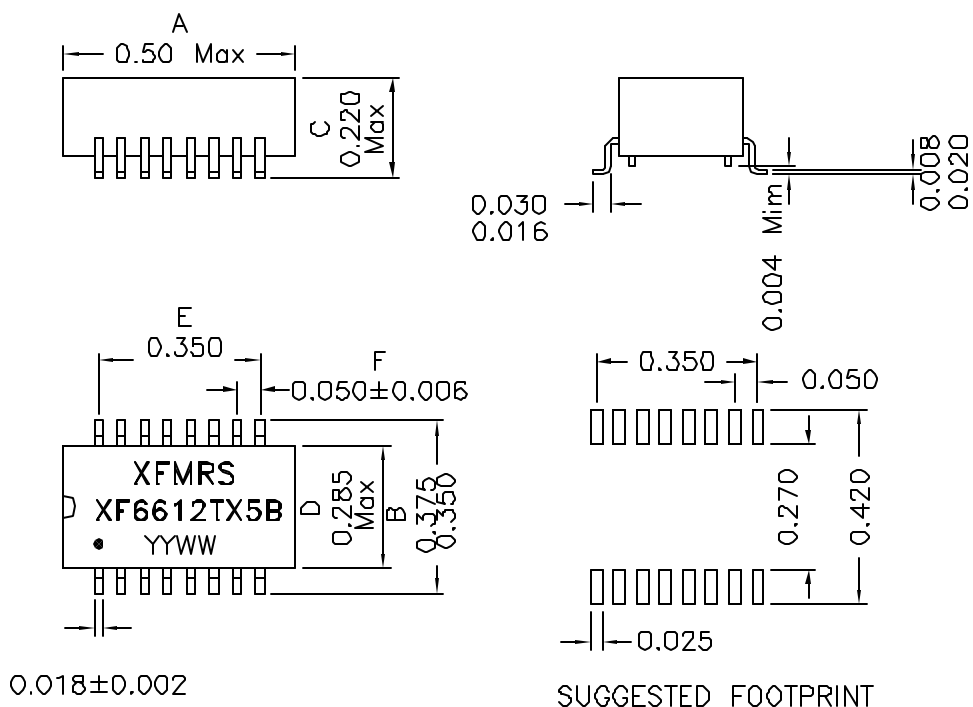


1. Mechanical Dimensions:

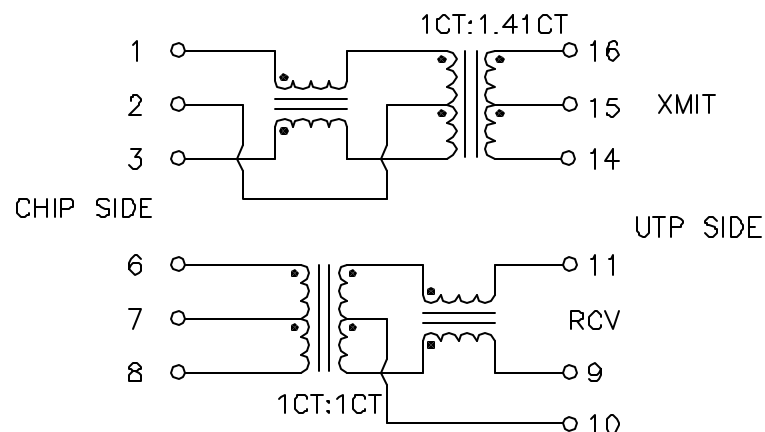


Notes:

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: $\pm 0.004^*(0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/2

2. Schematic:



3. Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX=1CT:1.41CT $\pm 2\%$ RX=1CT:1CT $\pm 2\%$

Isolation Voltage: 1500Vac, Input to Output

UTP Side OCL: 350uH Min @100KHz 0.1V, 8mAdc

Rise Time (10-90%): 2.5ns Typical

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

Return Loss: 30MHz 60MHz 80MHz
-20dB -14dB -11.5dB Typ

CMRR: 30MHz 50MHz 100MHz
-42dB -37dB -33dB Typ

Crosstalk: 30MHz 60MHz 100MHz
-45dB -40dB -35dB Typ

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XFMR5 INC www.XFMR5.com		Title: 10/100 BASE MAGNETIC MODULE	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010		P/N: XF6612TX5B	REV. A
Dimensions in Inch		DWN. 罗振江	Nov-30-06
SHEET 1 OF 1		CHK. 廖玉坤	Nov-30-06
		APP. BW	Nov-30-06