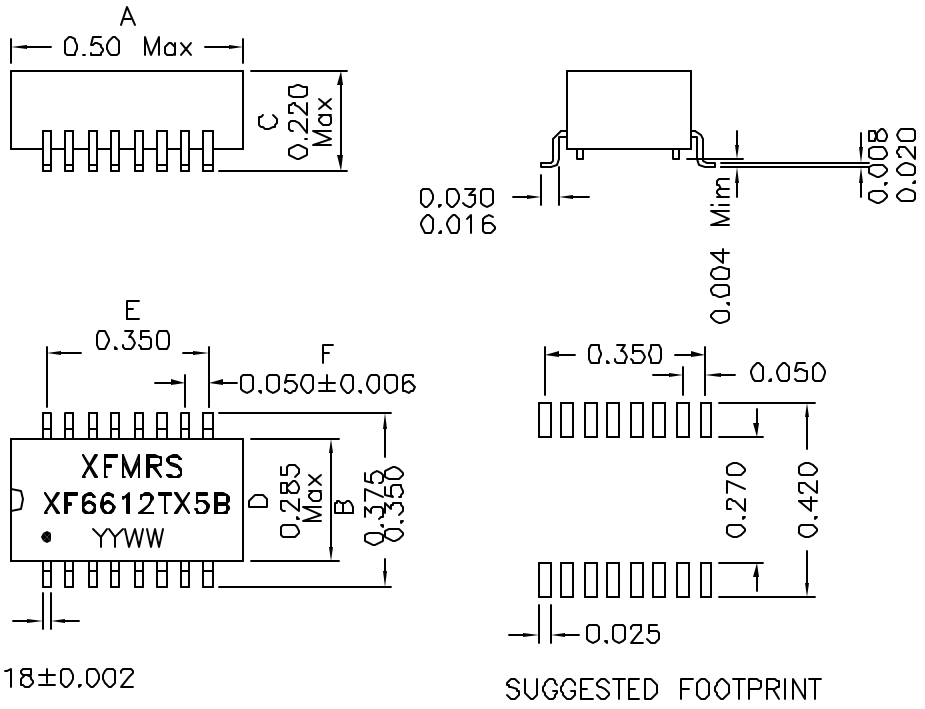
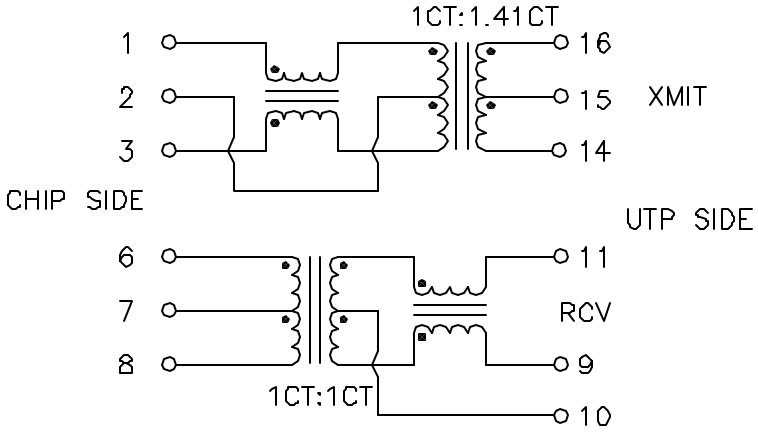
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX=1CT:1.41CT±2% RX=1CT:1CT±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

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/2

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

PROPRIETARY Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.