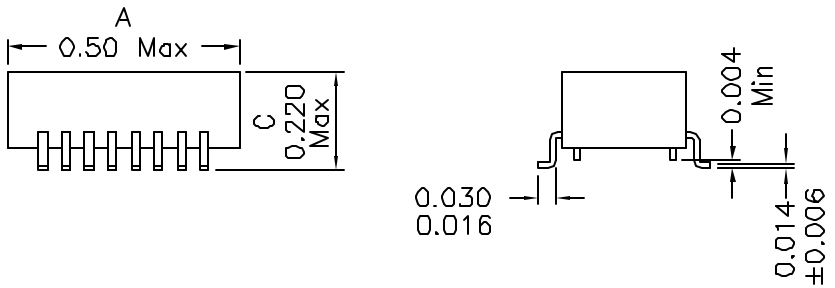
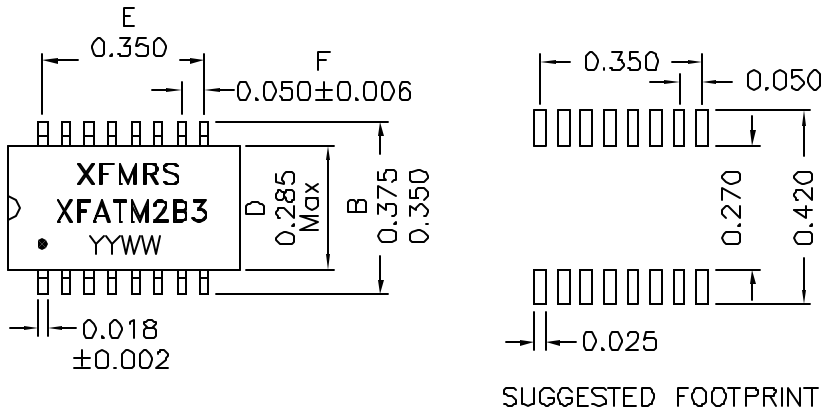
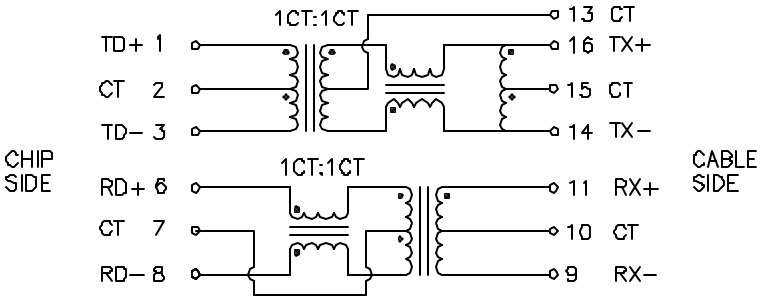
1. Dimensions:





SUGGESTED FOOTPRINT

2. Schematic:



3. Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)
CHIP SIDE OCL: 350uH Minimum @100KHz 100mV BmADC
Pri DCR: 1.0 Ohms Max
CW/W (Pri/Sec): 30pF Typ
Rise Time (10−90%): 4.0ns Maximum
Insertion Loss (100KHz−100MHz): −1.0dB Maximum
Insertion Loss (100MHz−125MHz): −1.5dB Maximum
Return Loss:

Tx: @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

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/3

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

XFMRS Inc. www.XFMRS.com	Title: 10/100BASE−TX MAGNETICS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2B3		REV. A
	DWN.	龚玉坤	Jun−26−06
	CHK.	李清儿	Jun−26−06
SCALE 2:1 SHT 1 OF 1	APP.	MS	Jun−26−06