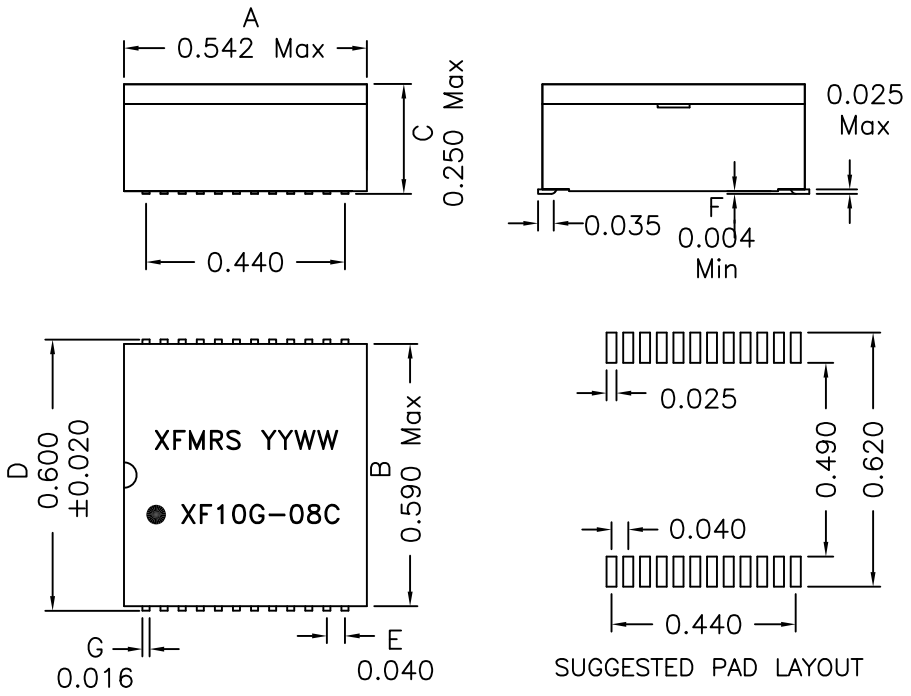
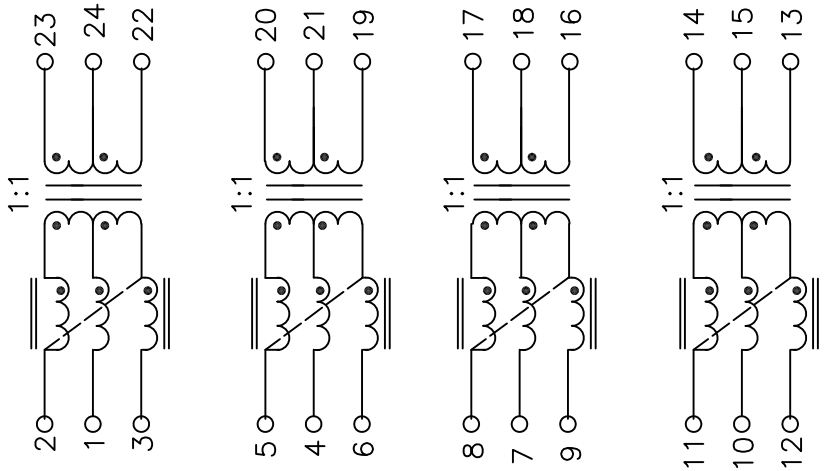
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°c

ISOLATION: 1500 Vrms

INSERTION LOSS: −3.0dB Max @100KHz
−1.0dB Max −0.6dB Typ @1−500MHz

OCL: Pins 2−3,5−6,8−9,11−12 62uH Min @100KHz 100mV

Q : 5 Min @10KHz 50mV

RETURN LOSS: −18dB Min @1−40MHz
−17dB+10*LOG(f/40) @40MHz−500MHz

Common to Differential Mode Rejection: −30dB Min @1−250MHz
−22dB Min @250−500MHz

Crosstalk: −40dB Min @1−100MHz
−30dB Min @100−500MHz

Turns Ratio: (2−3):(23−22)=1CT:1CT
(5−6):(20−19)=1CT:1CT
(8−9):(17−16)=1CT:1CT
(11−12):(14−13)=1CT:1CT

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 H 180°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from 0°C to +70°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
11. Recommended IR Reflow peak temp of 250C Max.

DOC. REV: B/2

XFMRS Inc www.XFMRS.com	Title: 10GBASE−T MAGNETICS MODULES		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF10G−08C		REV. B
	DWN.	Yuan	Sep−03−13
	CHK.	YK Liao	Sep−03−13
SHEET 1 OF 1	APP.	DDC	Sep−03−13

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