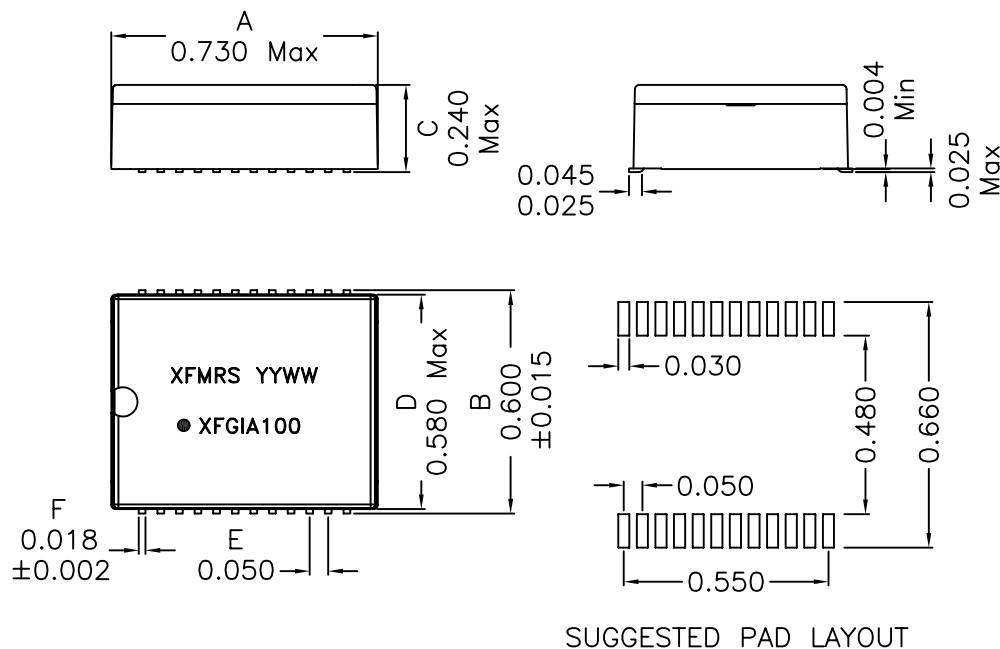
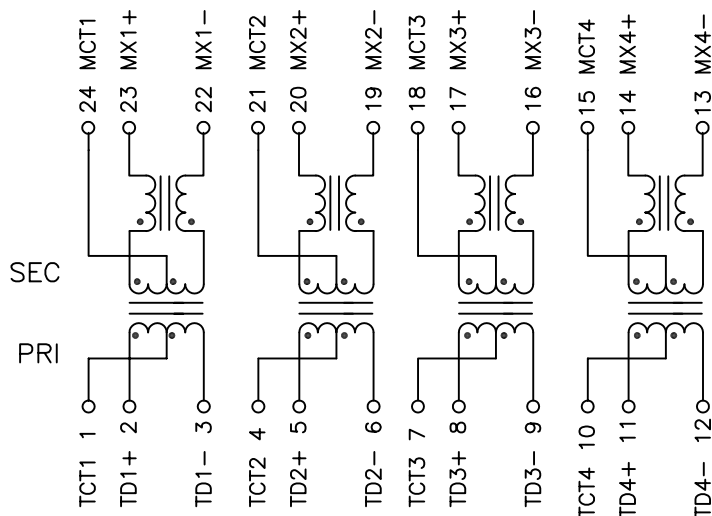


1. Mechanical Dimensions:



2. Schematic:



DOC. REV: C/1

3. Electrical Specifications: @25°C

ISOLATION: 1500Vrms

URNS RATIO: (PRI/SEC) 1CT:1CT ±2%

SEC OCL: 350uH Min @100KHz 100mV, 8mAdc

Rise Time: 1.75ns Max.

INSERTION LOSS: -1.0dB MAX @1MHz-80MHz

-1.1dB MAX @80-100MHz

-1.5dB MAX @100-125MHz

RETURN LOSS: 18dB Min @1-10MHz

15dB Min @30MHz

12dB Min @80MHz

10dB Min @100MHz

Common to Common Rejection:

-60dB Min @1MHz

-40dB Min @30MHz

-35dB Min @80MHz

-30dB Min @100MHz

CMRR: -30dB Min @1-60MHz

Crosstalk: -40dB Min @1-30MHz

-30dB Min @100MHz

Q: 5 Min @10KHz 50mV

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

XFMRS Inc www.XFMRS.com		Title: 1000BASE-T Modules	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XFGIA100		REV. C
	DWN.	Feng	Dec-05-11
	CHK.	YK Liao	Dec-05-11
SHEET 1 OF 1		APP.	BW Dec-05-11

PROPRIETARY

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