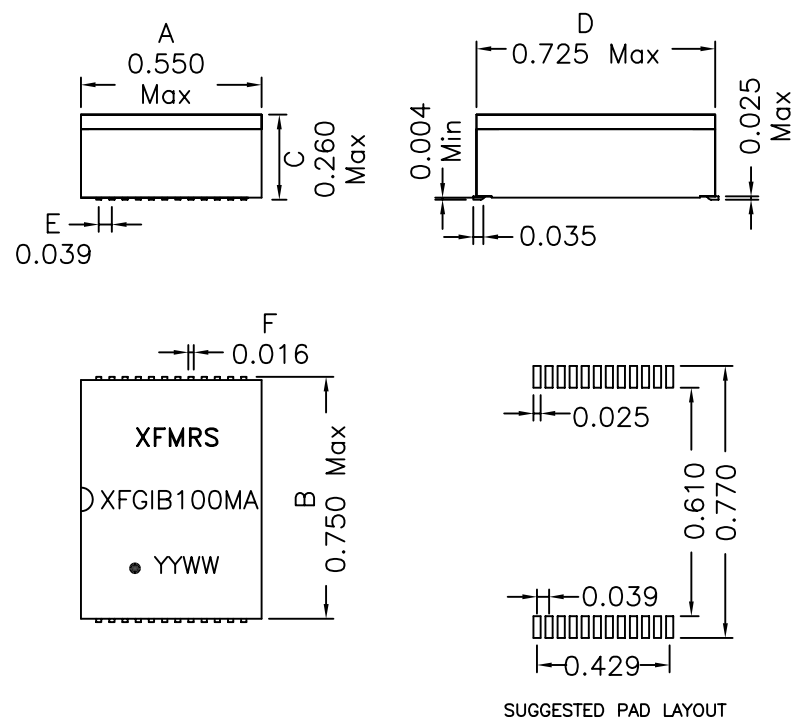
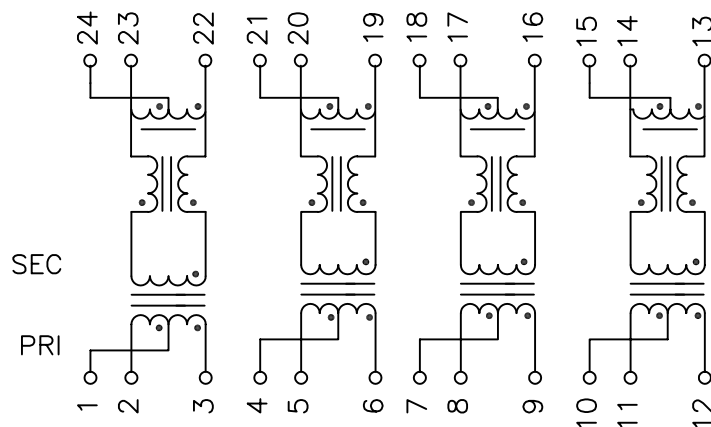


1. Mechanical Dimensions:



2. Schematic:



DOC REV: B/1

3. Electrical Specifications: @25°C

ISOLATION: 1500 Vrms

URNS RATIO: (PRI/SEC) 1CT:1CT $\pm 2\%$

OCL: 350uH MIN @100KHz 100mV 8mADC

INSERTION LOSS: -1.0dB MAX @0.1MHz–100MHz

RETURN LOSS: -18dB Min @0.5MHz–40MHz
12–20 log (f/80 MHz) @40MHz–100MHz

CMRR: -30dB Min @100KHz–100MHz

Crosstalk: 33–20log (f/100MHz)dB Min@30–100MHz

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 $+85^\circ\text{C}$
6. Storage Temperature Range: -55°C to $+125^\circ\text{C}$
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. This drawing complies with Adtran specification SPEC003.

XFMRS Inc www.XFMRS.com		Title: 1000BASE–T Modules	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in INCH	P/N: XFGIB100MA		REV. B
	DWN.	Mei Chen	Aug–31–11
	CHK.	YK Liao	Aug–31–11
SHEET 1 OF 1	APP.	BW	Aug–31–11

PROPRIETARY

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