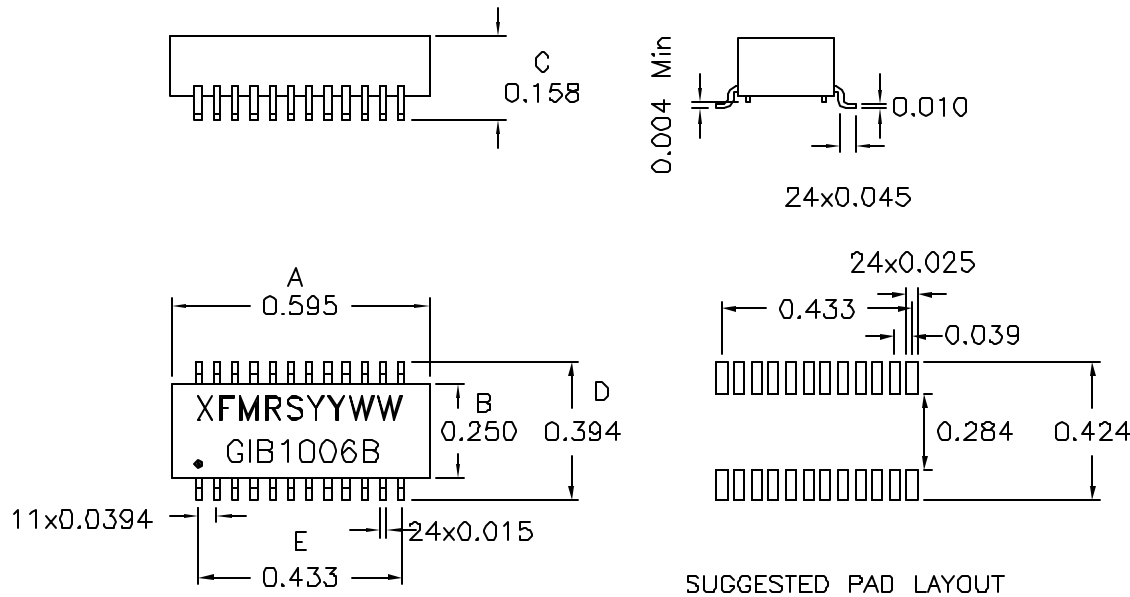
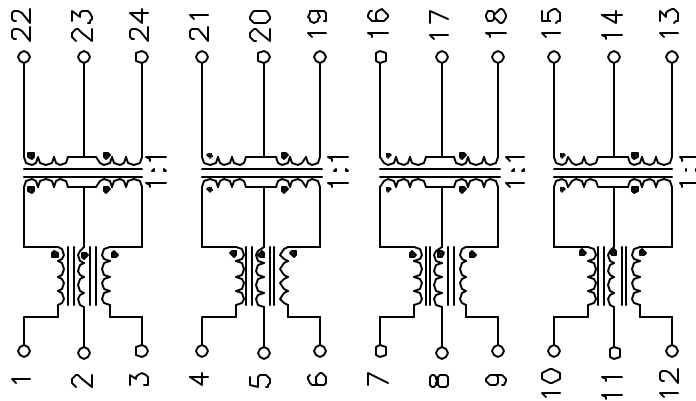


1. Mechanical Dimensions:



2. Schematic:



DOC REV: A/2

3. Electrical Specifications: @25°C

ISOLATION: 1500 Vrms

URNS RATIO: (PRI/SEC) 1CT:1CT ±2%

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

INSERTION LOSS: 1.2dB MAX @100KHz

1.4dB MAX @1-125MHz

RETURN LOSS: 16dB Min @0.1-40MHz

11dB Min @40-100MHz

Differential to Common Mode Rejection:

50dB Min @2MHz

44dB Min @30-200MHz

Crosstalk: 50dB Min @1MHz

56dB Min @10-100MHz

DCR: 1/2 winding: 0.65 Ohms Max each

DCR CT Unbalance: +/-0.065 Ohms Max each

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 Module		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XFGIB1006B		REV. A
	DWN.	Juan Mao	Jan-07-08
Dimensions in INCH	CHK.	YK Liao	Jan-07-08
SHEET 1 OF 1	APP.	MS	Jan-07-08