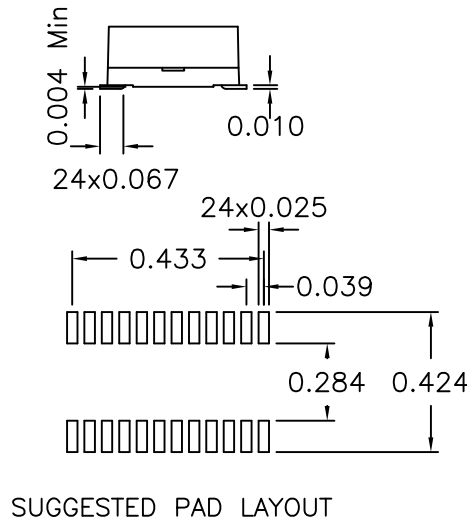
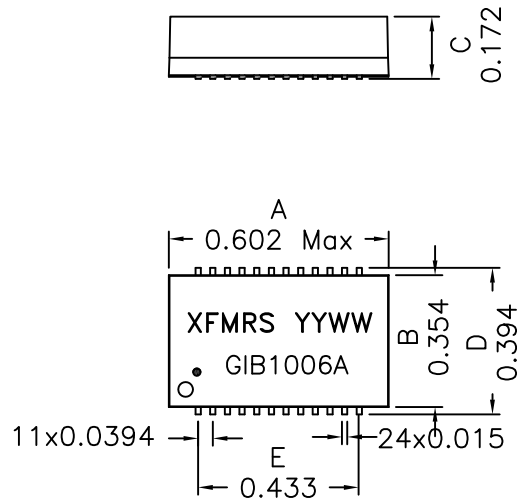
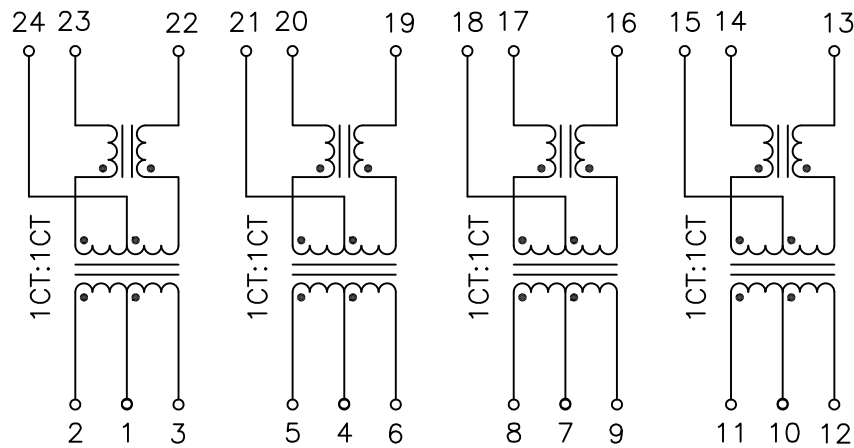


1. Mechanical Dimensions:



2. Schematic:



DOC REV: B/3

3. Electrical Specifications: @25°C

- Isolation: 1500Vac 1mA (PRI to SEC)
- OCL: 350uH Min @100KHz 100mV, 8mAdc
- OCL: 300uH Min @100KHz 100mV, 8mAdc at-40C
- Q: 8 Min @10KHz 50mV
- Insertion Loss: -1.0dB Max @1-100MHz
- Return Loss: -18dB Min @1-30MHz
 - 14.4dB Min @40MHz
 - 13.1dB Min @50MHz
 - 12dB Min @60-80MHz
 - 10dB Min @100MHz
- Differential to Common Mode Rejection:
 - 43dB Min @30MHz
 - 37dB Min @60MHz
 - 33dB Min @100MHz
- Crosstalk: -45dB Min @30MHz
 - 40dB Min @60MHz
 - 35dB Min @100MHz

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. All listed parameters are to be within tolerance from -40C to +85C unless otherwise noted.
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: XFGIB1006A	REV. A
Dimensions in INCH	DWN.	Mei Chen	Sep-11-14
SHEET 1 OF 1	CHK.	YK Liao	Sep-11-14
	APP.	BSJ	Sep-11-14