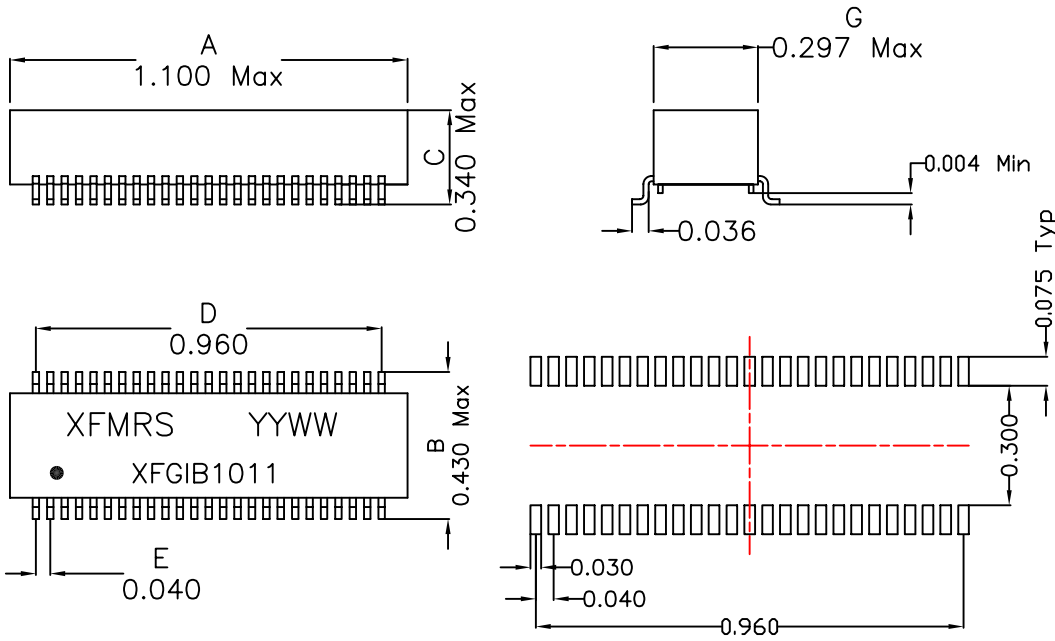
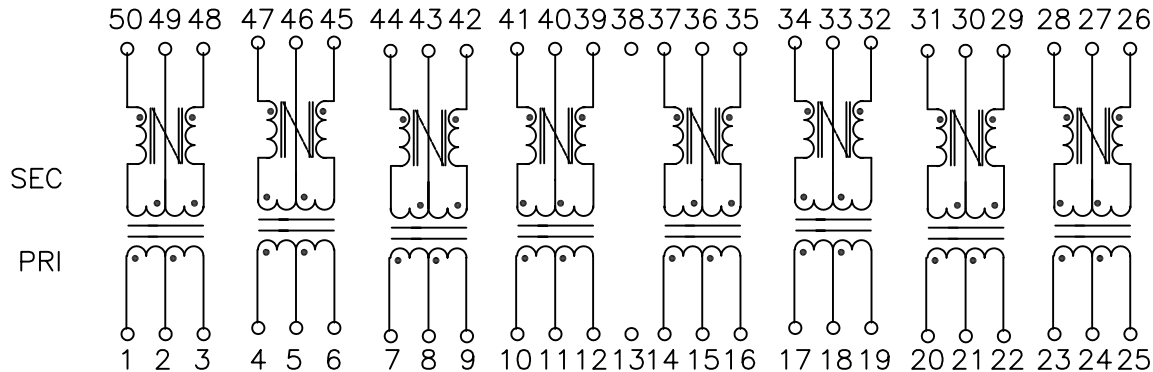


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

ISOLATION: 1500 Vrms
 TURNS RATIO: (PRI/SEC) 1CT:1CT ±2%
 OCL: 350uH MIN @100KHz 100mV 8mADC
 Pri Q: 16 Min @100KHz 100mV
 DCR: 1.0 Ohms Max
 INSERTION LOSS: -1.1dB MAX @1MHz-100MHz
 RETURN LOSS: -18dB Min @1-40MHz
 -14dB Min @60MHz -12dB Min @80MHz
 -10dB Min @100MHz
 CMRR: -40dB Typ @1-100MHz
 Crosstalk: -45dB Min @1-30MHz
 -40dB Min @60MHz -35dB Min @100MHz

Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

| | | | |
|-----------------------------------|----------------------------|----------|---------------------|
| XFMRS Inc www.XFMRS.com | Title: 1000BASE-T Modules | | |
| | UNLESS OTHERWISE SPECIFIED | | P/N: XFGIB1011 |
| TOLERANCES: .xxx ±0.010 | DWN. | Mei Chen | REV. A Feb-03-10 |
| Dimensions in INCH | CHK. | YK Liao | Feb-03-10 |
| SHT 1 OF 1 | APP. | BW | Feb-03-10 |

DOC REV: A/1

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