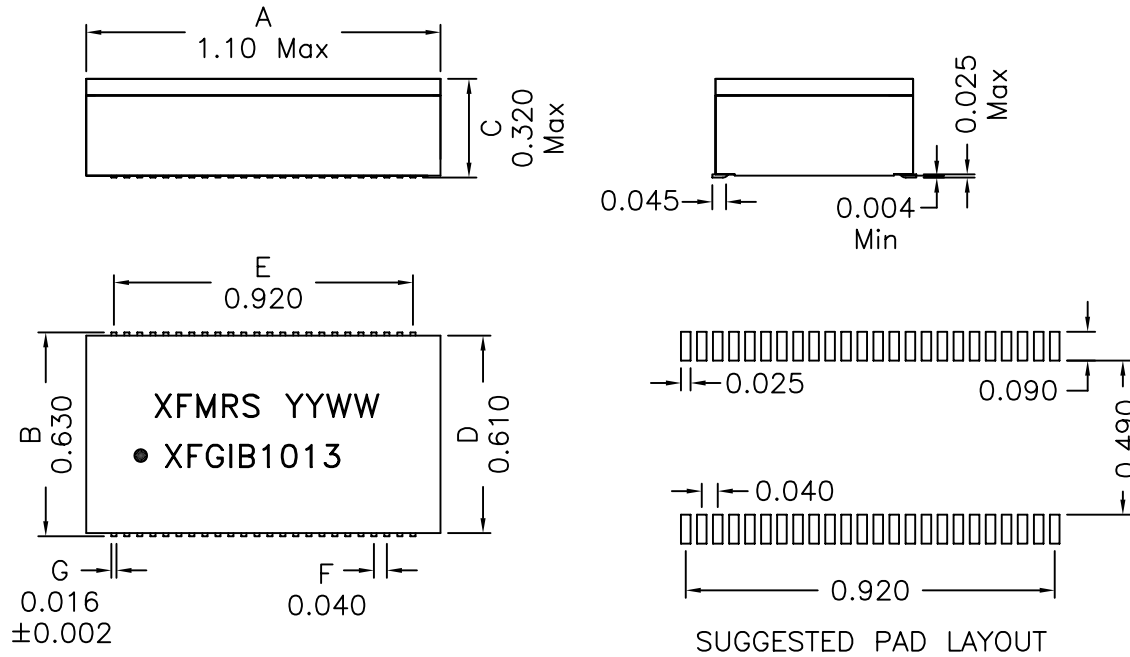
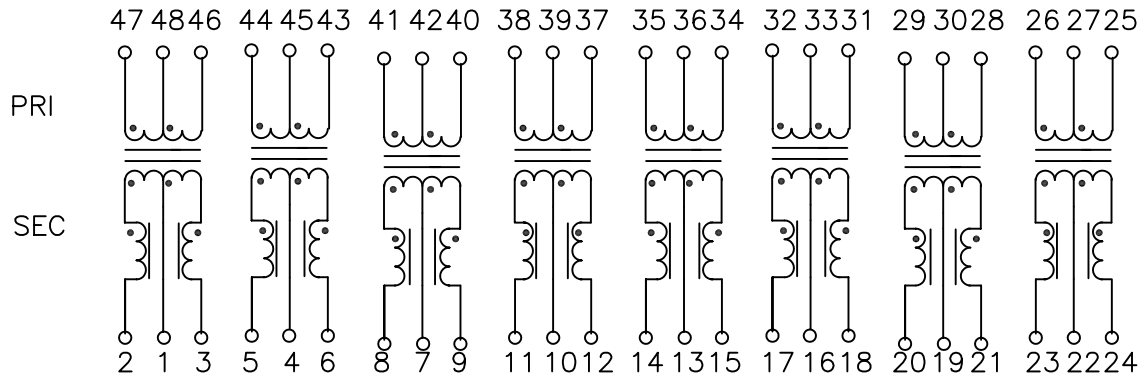


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

ISOLATION: 1500 Vrms
 TURNS RATIO: (PRI/SEC) 1CT:1CT ±2%
 OCL: 350uH MIN @100KHz 100mV 8mADC
 Rise Time: 1.75ns Max.
 INSERTION LOSS: -1.0dB MAX @1MHz-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:
 -40dB Min @30MHz -35dB Min @60MHz
 -30dB Min @100MHz
 CMRR: -30dB Min @1-100MHz
 Crosstalk: -40dB Min @30MHz
 -33dB Min @60MHz -28dB 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. 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: XFGIB1013		REV. B
	DWN.	Juan Mao	May-14-12
	CHK.	YK Liao	May-14-12
SCALE 2:1 SHT 1 OF 1	APP.	BW	May-14-12

DOC REV: A/1

PROPRIETARY

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