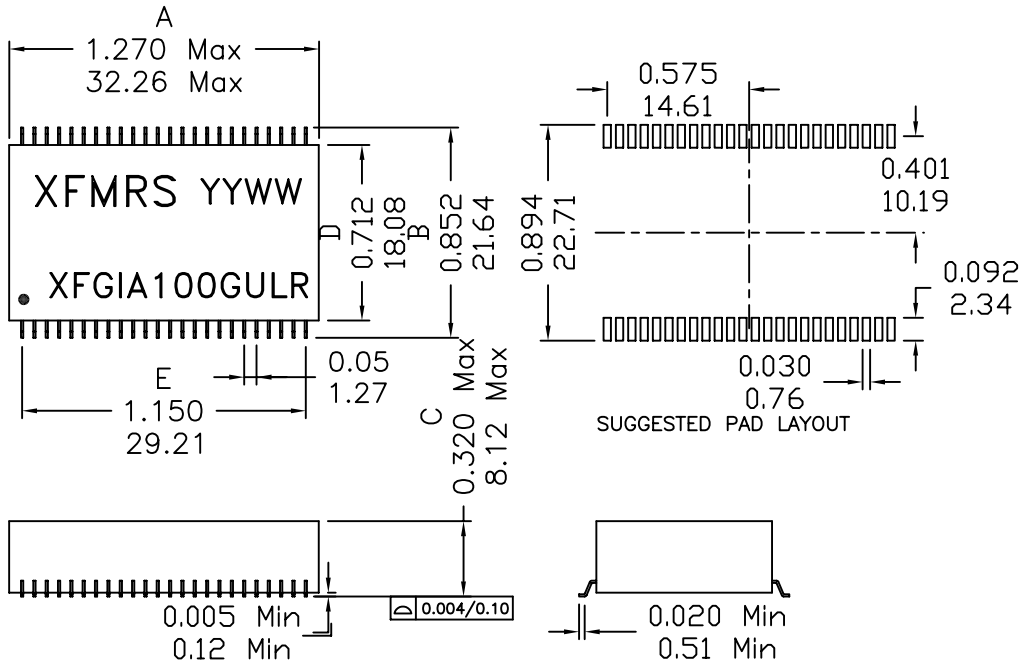
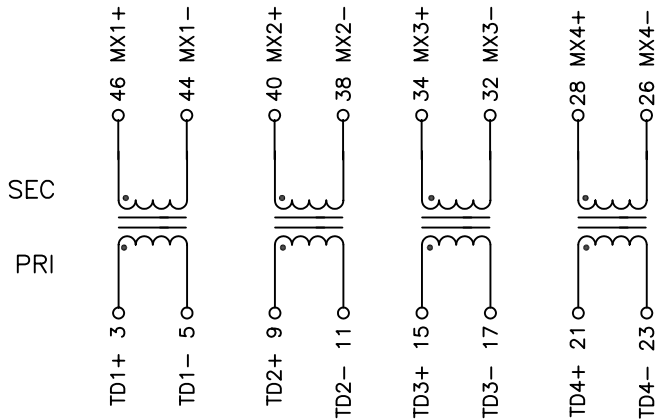


1. Mechanical Dimensions:



2. Schematic:



TCA3 Wire for all wdgs.

DOC REV: A/2

3. Electrical Specifications: @25°C

- ISOLATION: 3000Vrms
- URNS RATIO: (PRI/SEC) 1:1 ±2%
- SEC OCL: 350uH Min @100KHz 100mV, 8mAdc
- SEC OCL: 250uH Min @100KHz 100mV 8mAdc @ -40C
- SEC Q: 18 Min @100KHz 100mV
- Rise Time: 1.75ns Max.
- INSERTION LOSS: -1.0dB MAX @1MHz-80MHz
 -1.1dB MAX @80-100MHz
 -1.5dB MAX @100-125MHz
- RETURN LOSS: 18dB Min @1-10MHz
 15dB Min @30MHz
 12dB Min @80MHz
 10dB Min @100MHz
- Common to Common Rejection: -60dB Min @1MHz
 -40dB Min @30MHz
 -35dB Min @80MHz
 -30dB Min @100MHz
- CMRR: -30dB Min @1-60MHz
- Crosstalk: -40dB Min @1-30MHz
 -30dB 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
- All listed parameters are to be within tolerance from -40C to +85C unless otherwise noted.
- 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
- Designed to meet requirements for Reinforced Insulation

XFMRS Inc www.XFMRS.com		Title: 1000BASE-T Modules	
UNLESS OTHERWISE SPECIFIED		P/N: XFGIA100GULR REV. A	
TOLERANCES: .xxx ±0.010		DWN.	Juan Mao Jun-24-09
Dimensions in INCH		CHK.	YK Liao Jun-24-09
SCALE 2:1 SHT 1 OF 1		APP.	BW Jun-24-09

PROPRIETARY

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