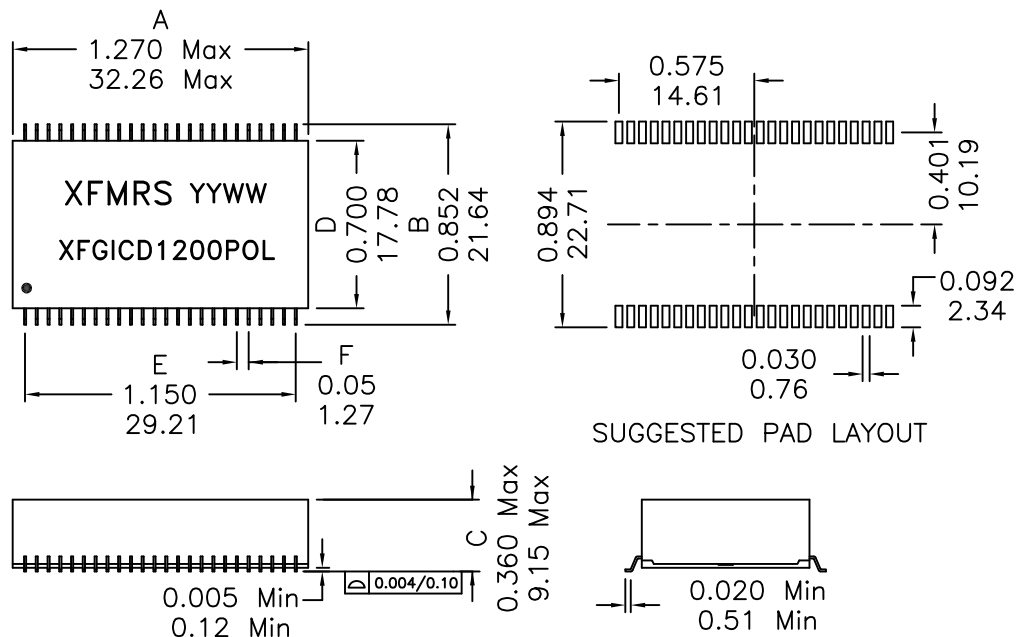
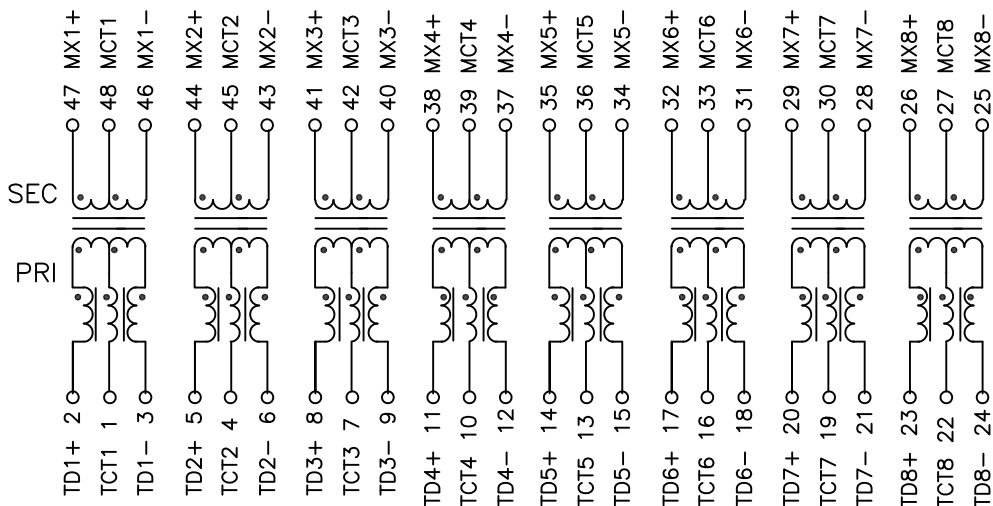


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

- ISOLATION: 1500Vrms
- URNS RATIO: (PRI/SEC) 1CT:1CT ±2%
- SEC OCL: 350uH Min @100KHz 100mV, 28mAdc
120uH Min @100KHz 100mV, 28mAdc (-40 to +85°C)
- Leakage L: 250nH Typ @100KHz, 0.1V
- Cw/w: 20pF Typ @1MHz, 0.1V
- INSERTION LOSS: -1.0dB MAX @1MHz-80MHz
-1.1dB MAX @80-100MHz
-1.5dB MAX @100-125MHz
- RETURN LOSS: 18dB Typ @1-10MHz
15dB Typ @30MHz
12dB Typ @80MHz
10dB Typ @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
- Rated Current: 1.37A Max Continuous @57Vdc Thru Each Sec CT
- Q: 5 Min @10KHz 50mV

Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class H 180°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
- 802.3AT Compliant.
- Recommended IR Reflow peak temp of 250C Max.

XFMRs Inc www.XFMRs.com		Title: DUAL 1000BASE-T PoE++	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFGICD1200POL	REV. A	
	DWN.	Yuan	Dec-05-17
SHEET 1 OF 1	CHK.	YK Liao	Dec-05-17
	APP.	Joe Huff	Dec-05-17

DOC. REV: A/1

PROPRIETARY

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