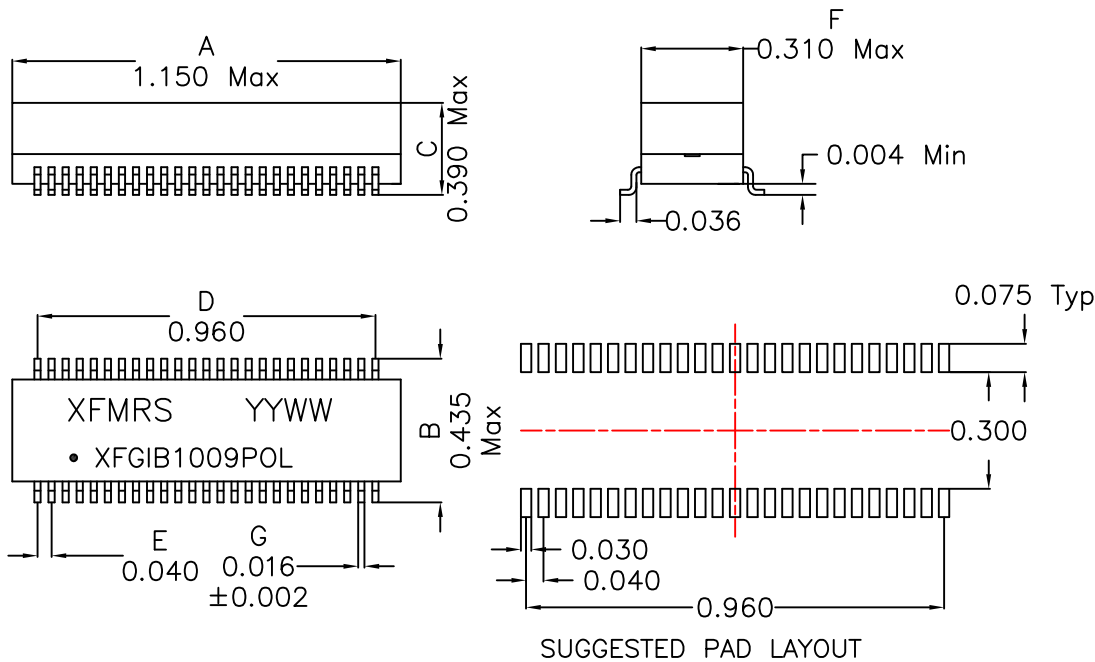
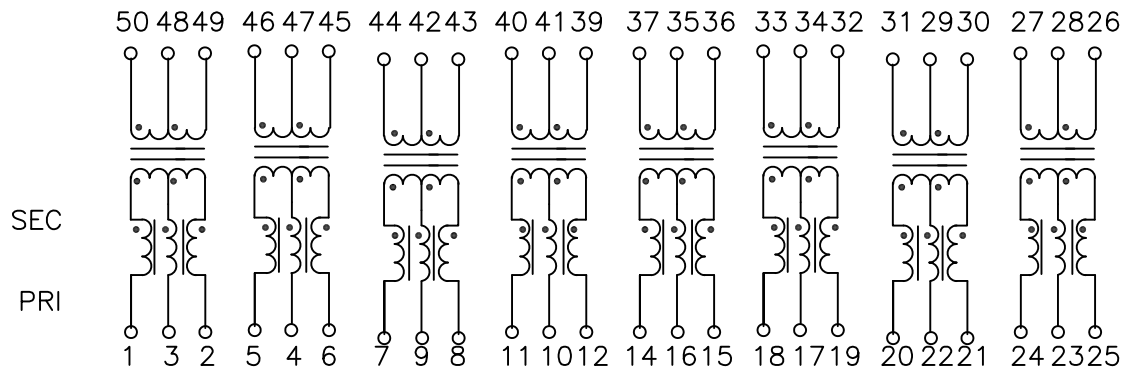


1. Mechanical Dimensions:



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
 Rated Current: Pins 48, 47, 42, 41, 35, 34, 29, 28
 600mA Continuous @ 48Vdc

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
- Recommended IR Reflow peak temp of 250C Max.

DOC REV: A/3

XFMRs Inc www.XFMRs.com	Title: DUAL 1000BASE-T POE+		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010		P/N: XFGB1009POL
Dimensions in INCH	DWN.	Yuan	Apr-19-14
	CHK.	YK Liao	Apr-19-14
SHEET 1 OF 1	APP.	BW	Apr-19-14

PROPRIETARY

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