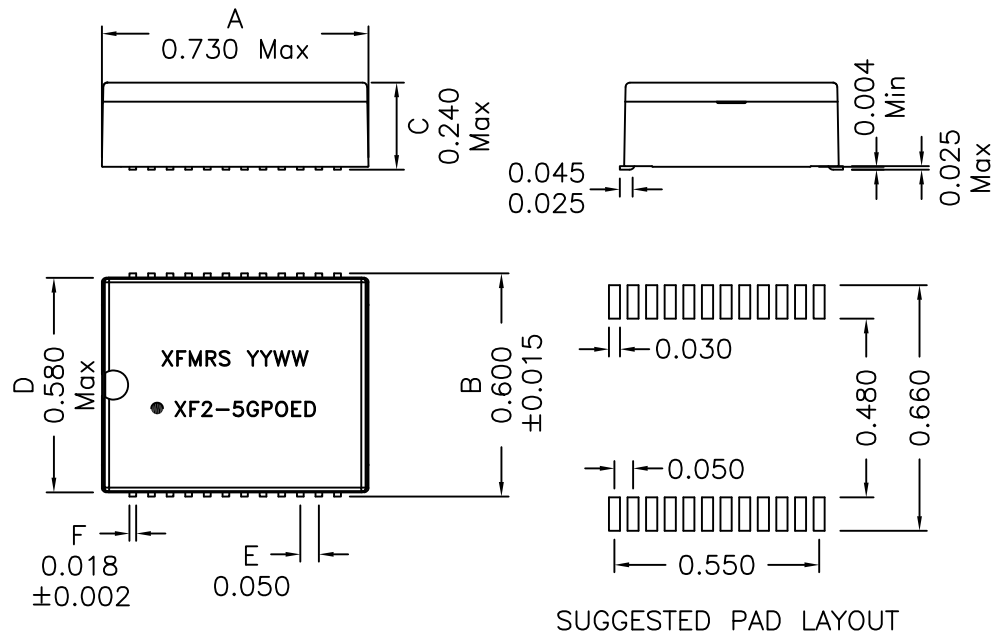
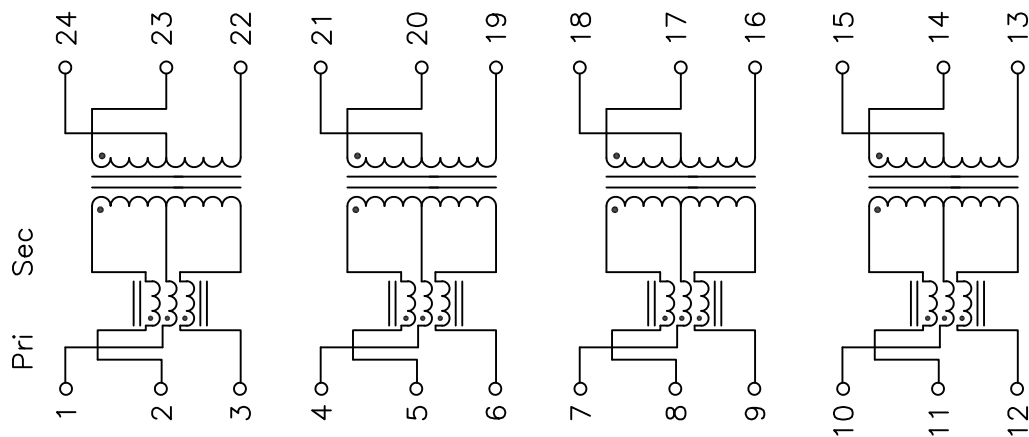


1. Mechanical Dimensions:



2. Schematic:



DOC. REV: A/1

3. Electrical Specifications: @25°C

- Isolation: 1500 Vrms Min @ 60 Seconds
- Turns Ratio: (Pri/Sec) 1CT:1CT ±2%
- OCL: 150uH Min @100KHz 100mV 9mADC
- Pri DCR: 0.65 Ohms Max
- Sec DCR: 0.65 Ohms Max
- Insertion Loss: -0.5dB Max @1MHz-50MHz
-1.0dB Max @50MHz-125MHz
- Phy-Side Return Loss: -20dB Min @1MHz-40MHz
-20+15*Log₁₀(f/40) dB Min @40MHz-200MHz
- Line-Side Return Loss: -20dB Min @1MHz-40MHz
-20+15*Log₁₀(f/40) dB Min @40MHz-200MHz
- CMRR: -30dB Min @30MHz-200MHz
- DCMR: -45+f/35dB Min @10MHz-125MHz
- DC Current/Voltage Rating: 600mA Max @57V (Continuous)
- Crosstalk: -30dB Min @1MHz-125MHz
- Q: 10 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 F 155°C. UL file E151556
- Operating Temperature : -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: 0.004"(0.102mm) Max
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250°C Max.

XFMRs Inc www.XFMRs.com	Title: 2.5G BASE-T POE TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED		
TOLERANCES: .xxx ±0.010	P/N: XF2-5GPOED	REV. A	
	DWN.	Huo	Sep-18-17
Dimensions in INCH	CHK.	YK Liao	Sep-18-17
	SHEET 1 OF 1	APP.	DDC
			Sep-18-17

PROPRIETARY

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