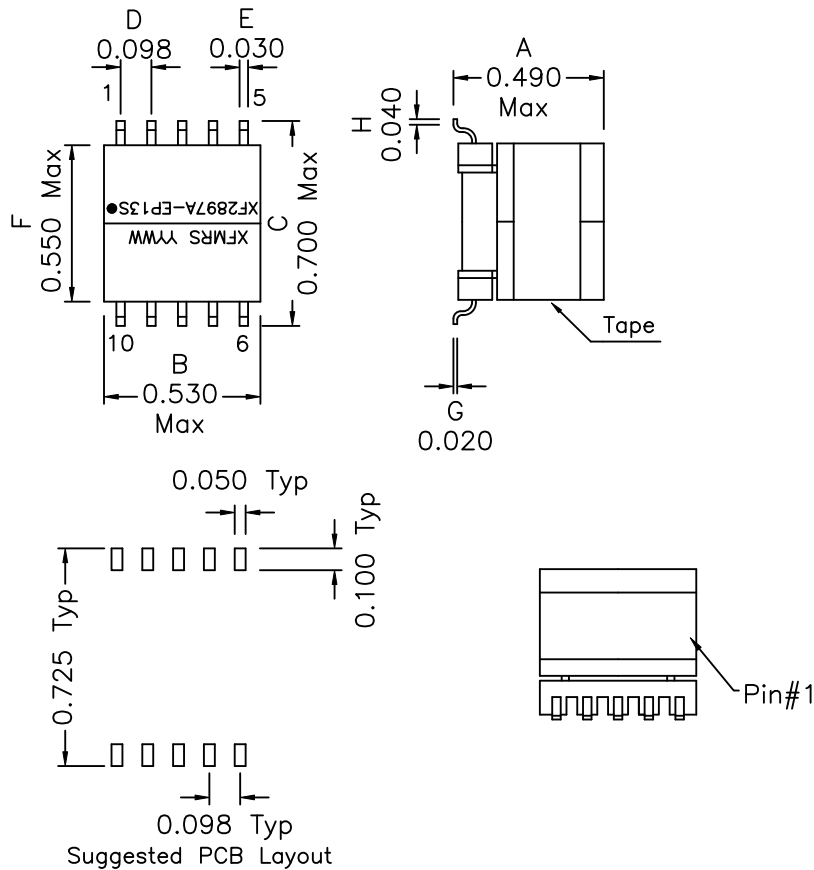
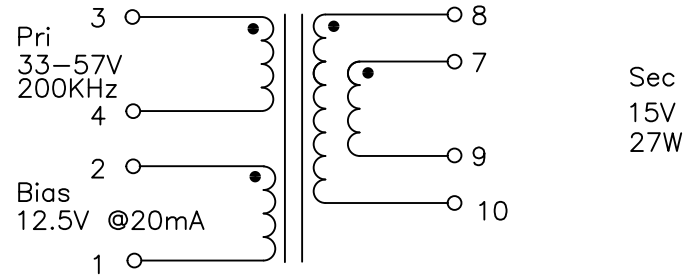


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25C

- OCL: Pins 3-4 28.9uH±10% @200KHz 0.1V
- Q: Pins 3-4 30 Min @200KHz 0.1V
- LL: Pins 3-4 1.0uH Max @200KHz 0.1V, Short All Else
- Cw/w: Pins 3-8 100pF Max @100KHz 0.1V, Short Pri & Bias; Sec
- DCR: Pins 3-4 0.058 Ohms Max
- Pins 2-1 0.077 Ohms Max
- Pins 8-10 0.050 Ohms Max
- Pins 7-9 0.050 Ohms Max
- Turns Ratio: (3-4):(2-1):(8-10):(7-9)=1:0.41:0.47:0.47
- Hipot: 1500Vrms Pri & Bias to Sec
- SRF: Pins 3-4 900KHz Min

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

DOC. REV: A/2

XFMRs Inc www.XFMRs.com	Title: PoE Transformer		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF2897A-EP13S	REV. A
	DWN.	Yuan	Aug-12-21
	CHK.	YK Liao	Aug-12-21
SHEET 1 OF 1	APP.	BW	Aug-12-21