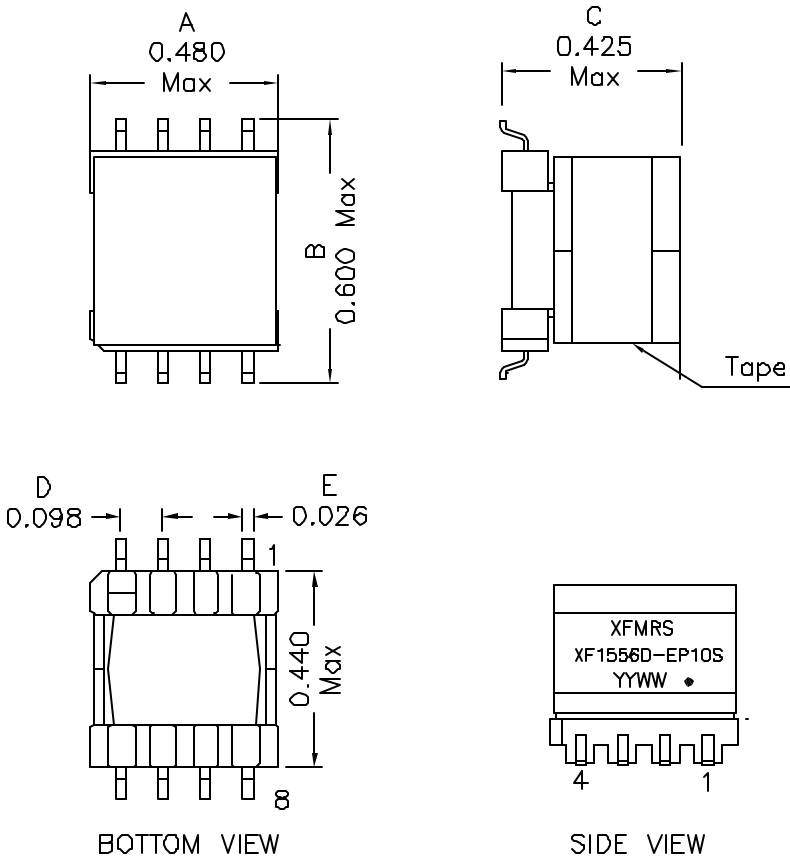
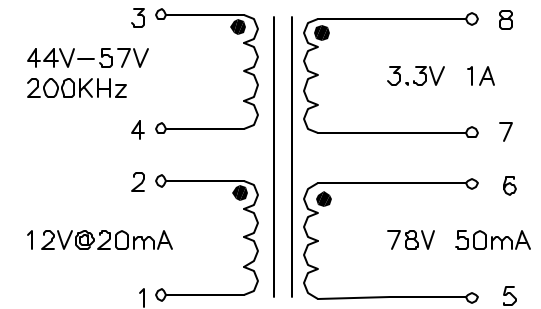


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 3-4 155uH±10% @10KHz 0.1V 0Adc
Pins 3-4 139.5uH Min @10KHz 0.1V 0.65Adc
LL: Pins 3-4 2.5uH Max @100KHz 0.1V (Short all else)
Q: Pins 3-4 50 Min @100KHz 0.1V
DCR: Pins 3-4 0.500 Ohms Max
Pins 2-1 0.325 Ohms Max
Pins 8-7 0.015 Ohms Max
Pins 6-5 4.25 Ohms Max
Turns ratio: (3-4):(2-1):(8-7):(6-5)=
1.000:0.333:0.095:2.17±5%
Hipot: 1500Vac, PRI to SEC

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

DOC REV: A/2

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XFMRs Inc www.XFMRs.com	Title: 3.3V 7W POE TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF1556D-EP10S	REV. A	
	DWN.	Xiany	Oct-31-08
SCALE 2.5:1 SHT 1 OF 1	CHK.	YK Liao	Oct-31-08
	APP.	Joe Huff	Oct-31-08