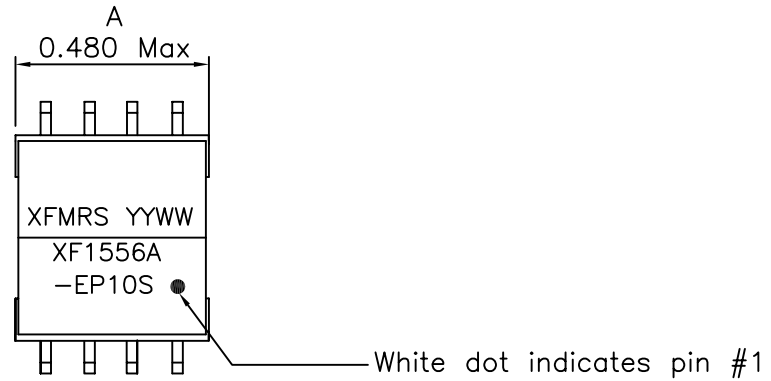
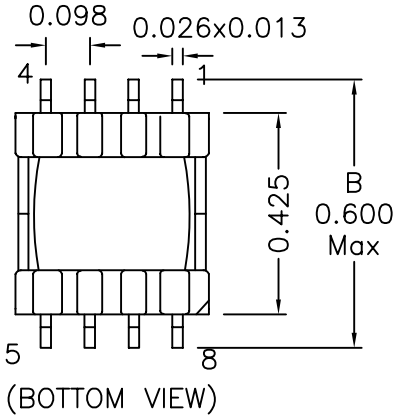
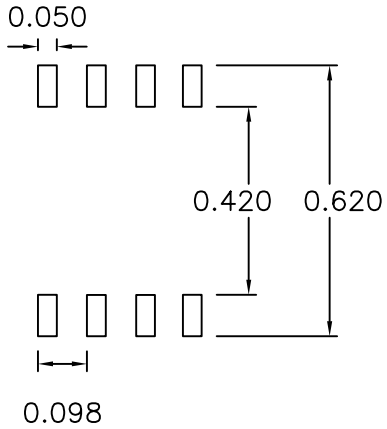
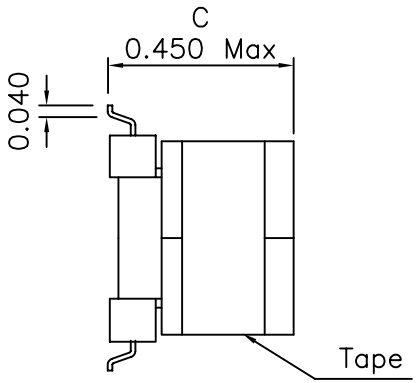
1. Mechanical Dimensions:







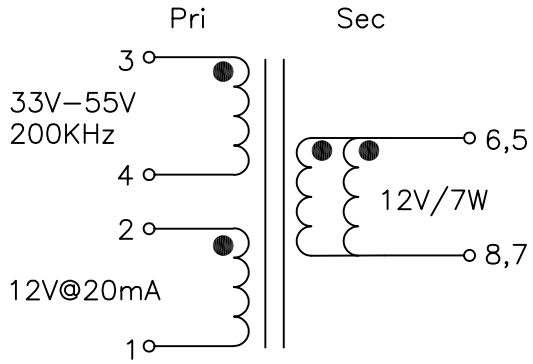


Notes:

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

2. Schematic:



3. Electrical Specfications: @25°C

OCL: Pins 3-4 155uH±10% @10KHz 0.1V
Pins 3-4 139.5uH Min @10KHz 0.1V 0.65A
LL: Pins 3-4 3.25uH Max @100KHz 0.1V,
Short Pins 5-8
Q: Pins 3-4 10 Min @10KHz 0.1V
DCR: Pins 3-4 0.414 Ohms Max
Pins 2-1 0.822 Ohms Max
Pins 6-8 0.686 Ohms Max
Pins 5-7 0.686 Ohms Max
TURNS RATIO: Pins (3-4):(2-1):(6,5-8,7)=
1.000:0.667:0.667±5%
HIPOT: 1500Vac, PRI to SEC

XFMRS Inc www.XFMRS.com	Title: POE TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF1556A-EP10S		REV. A
	DWN.	Mei Chen	Mar-30-10
	CHK.	YK Liao	Mar-30-10
SHT 1 OF 1	APP.	BW	Mar-30-10

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