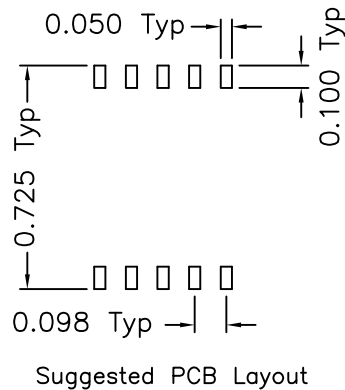
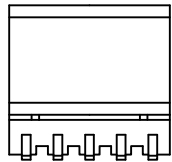
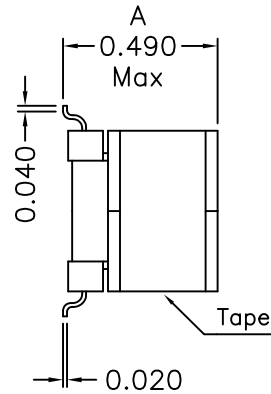
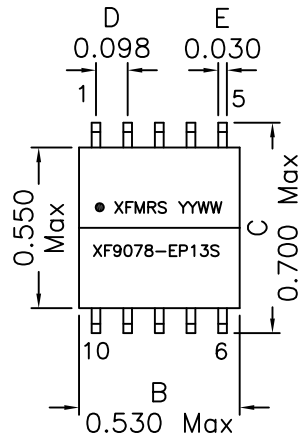


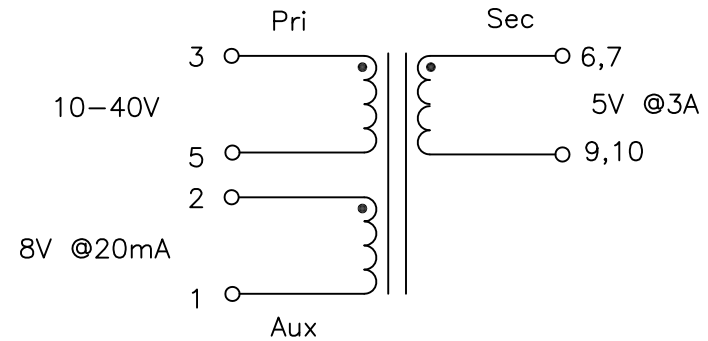
1. Mechanical Dimensions:



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: $\pm 0.004"$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250°C Max.

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 3-5 9.07uH \pm 10% @10KHz, 0.1V

Q: Pins 3-5 10 Min @100KHz, 0.1V

LL: Pins 3-5 0.350uH Max @100KHz, 0.1V

tie 1+2; 6+7+9+10

Isat: 8.0A (Based on 20% drop in OCL)

DCR: Pins 2-1 0.098 Ohms Max

Pins 3-5 0.040 Ohms Max

Pins 6-9 0.018 Ohms Max

Pins 7-10 0.018 Ohms Max

Pins 6,7-9,10 0.009 Ohms Max

Turns Ratio: (3-5):(2-1):(6-9):(7-10)

= 1.000:0.583:0.333:0.333 \pm 2%

Hipot: 1500Vrms, 1-9 (tie 2+3, 6+7)

500Vrms, 1-5

XFMRs Inc www.XFMRS.com	Title: PoE Transformer		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx \pm 0.010 Dimensions in Inch	P/N: XF9078-EP13S	REV. A
SHEET 1 OF 1	DWN.	Yuan	Aug-16-14
	CHK.	YK Liao	Aug-16-14
	APP.	DDC	Aug-16-14

DOC. REV: A/1