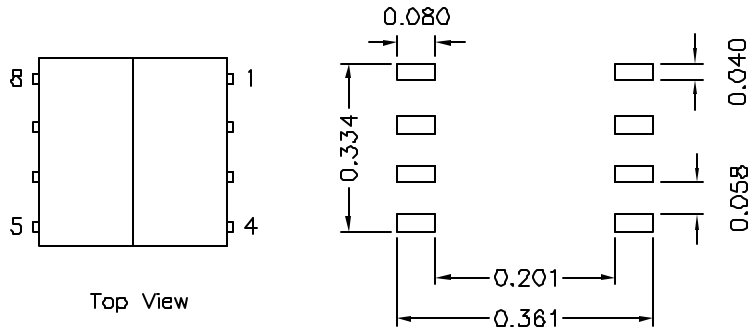
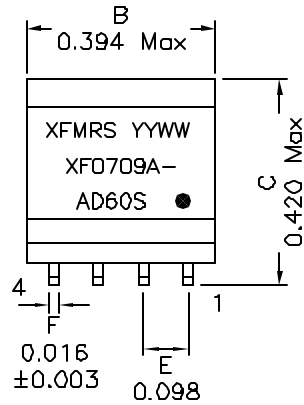
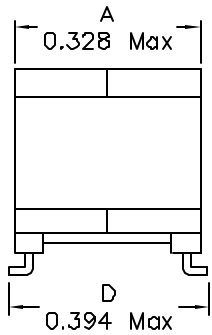


1. Mechanical Dimensions:



Top View

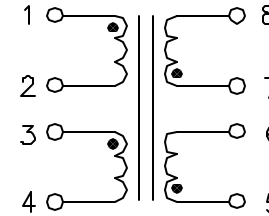
SUGGESTED PCB LAYOUT

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 E151558
- 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/1

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1-8 16.0mH \pm 5% @10KHz 100mV, Tie Pins 2+3,4+5,6+7

OCL: Pins 1-8 4.0mH Min @10KHz 100mV, 230mADC,5Sec, Tie Pins 2+3,4+5,6+7

Q: Pins 1-8 TBD Min @10KHz 100mV, Tie Pins 2+3,4+5,6+7

LL: TBD

CW/W: Pins 1-8 50pF Max @100KHz 100mV, Tie Pins 2+3 & 6+7

DCR: Pins 1-4 15 Ohms \pm 10% Tie Pins 2+3

Pins 5-8 15 Ohms \pm 10% Tie Pins 7+6

DCR Difference: Pins 1-4 & pins 5-8 Must match within 0.30 Ohms

Turns Ratio: Pins (1-4):(5-8)=1:1 \pm 2%(Tie 2+3,7+6)

Hipot: 1650Vac, Pins 1+2+3+4 to Pins 5+6+7+8

XFMRS Inc www.XFMRS.com		Title: Legerity 16mH POTS Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx \pm 0.010 Dimensions in Inch		P/N: XF0709A-AD60S	REV. A
SHEET 1 OF 1		DWN.	Aug-13-08
		CHK.	Aug-13-08
		APP.	Aug-13-08