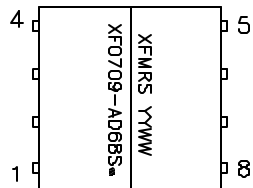
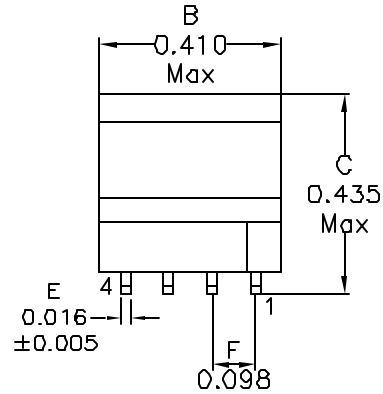
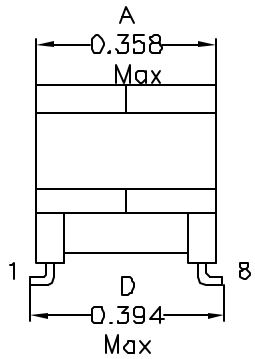
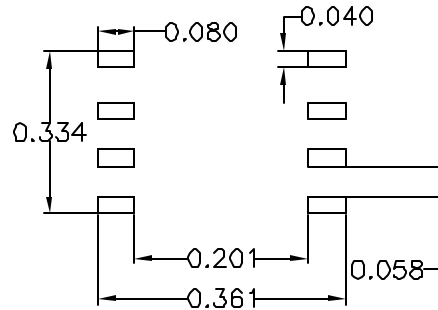


1. Mechanical Dimensions:



(TOP VIEW)



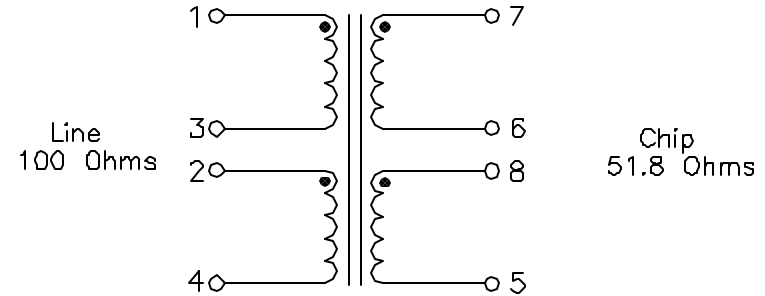
SUGGESTED PCB LAYOUT

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 E151558
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
11. Designed to meet UL60950 for Supplementary Insulation for a primary working voltage of 250Vrms.

DOC. REV: A/2

2. Schematic:



3. Electrical Specifications: @25°C

- OCL: Pins 1-4 100uH±10% @10KHz 0.1V, Tie 3+2, 0/120mAdc
 Q: Pins 1-4 25 Min @100KHz 0.1V, Tie 3+2
 LL: Pins 1-4 8.5uH Max @100KHz 0.05V, (Short 3+2,8+7+6+5)
 DCR: Pins 1-3 0.440 Ohms Max
 Pins 2-4 0.440 Ohms Max
 Pins 7-6 0.495 Ohms Max
 Pins 8-5 0.495 Ohms Max
 Turns Ratio: (1-3):(2-4):(7-6):(8-5)=1:1:0.722:0.722±2%
 THD: Pins 1-4 -78dB Max @30KHz, 3.15Vrms Line:IC
 LB: 46dB Min @1.1MHz
 Hipot: 1875Vrms, Pins 1-3-2-4 to 8-5-7-6 for 1 sec
 500Vrms, Pins 1-2 for 1 sec

XFMRS Inc www.XFMRS.com		Title: Line Interface Xfmr	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0709-AD68S		REV. A
	DWN.	Mei Chen	Jul-14-10
	CHK.	YK Liao	Jul-14-10
SHEET 1 OF 1	APP.	Joe Huff	Jul-14-10