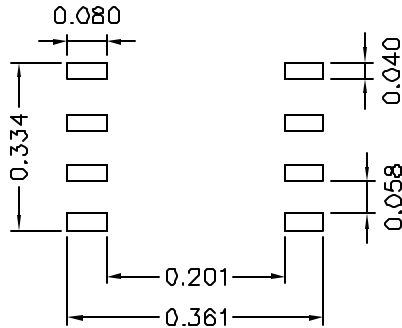
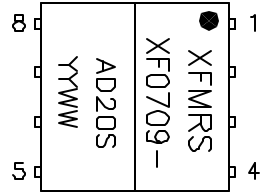
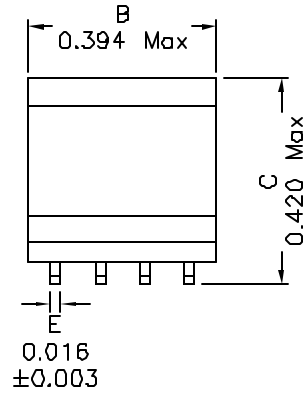
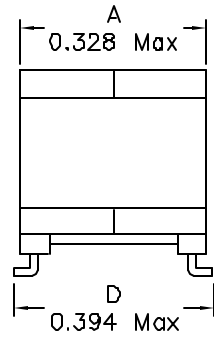


## 1. Mechanical Dimensions:



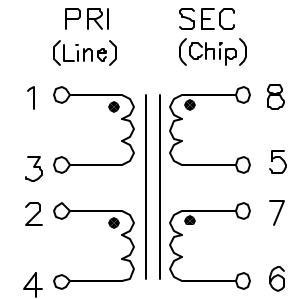
SUGGESTED PCB LAYOUT

### Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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. Moisture Sensitivity: Level 2
10. Designed to comply with UL1950 and EN60950 for basic insulation with 250 Vac working voltage

DOC REV: A/1

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 1-4 1.0mH±6.7% @10KHz 0.1V, Tie Pins 2&3

LL: Pins 1-4 10.0uH Max @10KHz 0.1V, Tie Pins 2&3, Short SEC

CW/W: Pins 1-8 20pF Max @10KHz 0.1V, Short 2-3 & 5-7

THD: -85db Max @150KHz, 12V, 100 Ohms Line, 123.5 Ohms Load

DC Res.: Pins 1-4 1.5 Ohms Max, Short 2-3 & 5-7

DC Res.: Pins 8-6 1.6 Ohms Max, Short 2-3 & 5-7

Turns Ratio (8-6):(1-4) = 1:0.9, Short 2-3 & 5-7

Hipot: 1875Vac, PRI to SEC

<b>XFMRS Inc</b>	Title: ADSL TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.010 Dimensions in Inch	P/N: XF0709-AD20S	REV. A
SHEET 1 OF 1	DWN.	Kang Chen	Aug-06-04
	CHK.	YK Liao	Aug-06-04
	APP.	J Ng	Aug-06-04