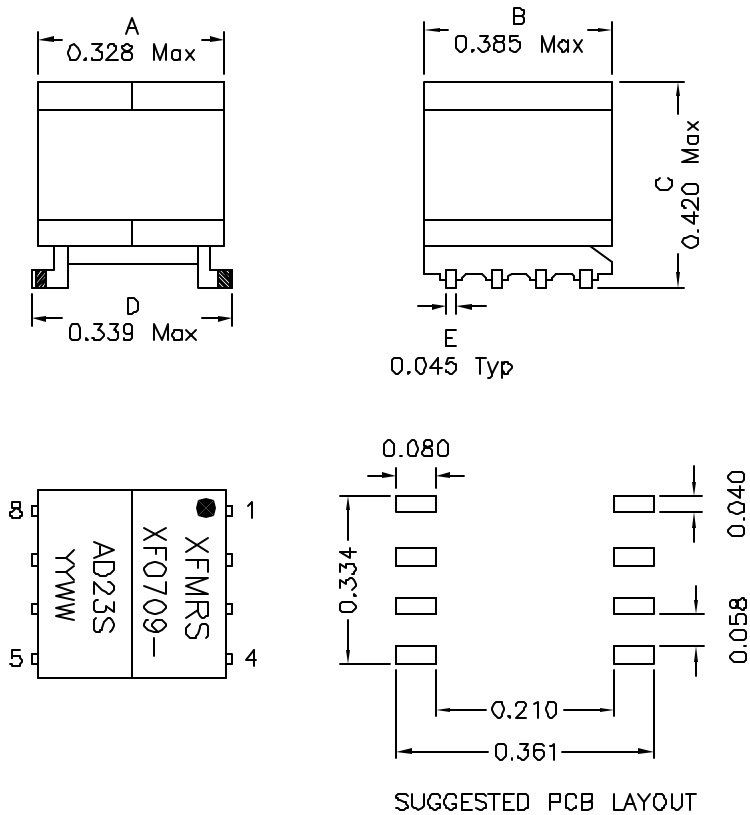


## 1. Mechanical Dimensions:

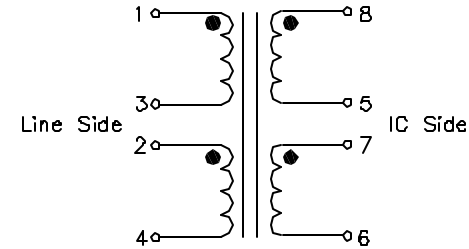


### Notes:

- Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C, UL file E151556
- 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:  $\pm 0.004$  (0.102mm)
- Moisture Sensitivity: Level 2

DOC REV: A/1

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 1-4 1.20mH $\pm$ 10% @10KHz 0.1V, Tie Pins 2&3

LL: Pins 1-4 12uH Max @100KHz 0.1V, Tie Pins 2&3, 5&7, 8&6

DCR: Pins 1-3 1.20 Ohms $\pm$ 10%

DCR: Pins 2-4 1.20 Ohms $\pm$ 10%

DCR: Pins 5-8 0.60 Ohms $\pm$ 10%

DCR: Pins 6-7 0.47 Ohms $\pm$ 10%

Turns Ratio: Pins (1-4):(8-6)=2.3:1 $\pm$ 1%, Tie Pins 2&3, 5&7

THD: -80dB Max @40KHz, 4Vrms, 19.1 Ohms load, 100 Ohms input,

Tie Pins 2&3, 5&7

Cw/w: Pins 1-8 50pF Max @100KHz 0.1V, Tie Pins 2&3, 5&7

Freq. Response:  $\pm$ 1.5dB, 20-2200KHz

Insertion Loss: 0.7dB Max @500KHz 100 Ohms load

Longitudinal Balance: 40dB Min @20-2200KHz

HIPOT: Pins 1-8 1500Vac, 1 minute

HIPOT: Pins 1-8 1875Vac, 1 second

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<b>XFMRS Inc</b>	Title: ADSL TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm$ 0.010 Dimensions in Inch	P/N: XF0709-AD23S	REV. A
SHEET 1 OF 1	DWN.	罗振江	Sep-22-04
	CHK.	康玉坤	Sep-22-04
	APP.	J Ng	Sep-22-04