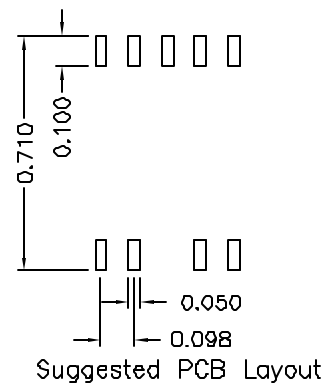
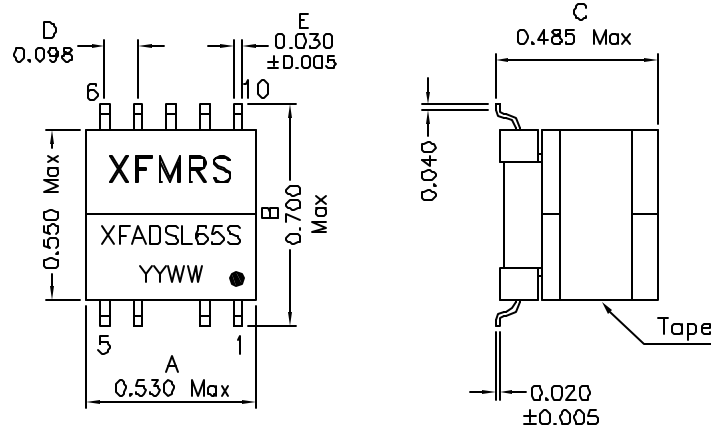


1. Mechanical Dimensions:



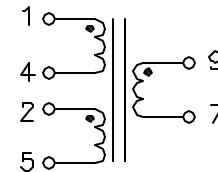
Notes:

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: $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. UL60950 recognized for Supplementary Insulation requirements for a primary side working voltage up to 250Vrms
Reinforced Insulation for a secondary side working voltage of 150Vdc, file #E165866.

DOC. REV A/1

2. Schematic:

Line Side Chip Side



3. Electrical Specifications: @25°C

OCL: Pins 1-10 1mH $\pm 6\%$ @10KHz 0.1V Tie 2+4

LL: Pins 1-2 11uH Max @100KHz, 0.1V Tie 2+4, short P9-7

Turns Ratio: P1-5:9-7 = 2:1 $\pm 2\%$ Tie 2+4

DCR: Pins 1-4 1.15 $\pm 10\%$ Ohms

DCR: Pins 2-5 1.15 $\pm 10\%$ Ohms

DCR: Pins 9-7 0.835 $\pm 10\%$ Ohms

LB: 50dB Min @1KHz - 300KHz

IL: 0.5dB Max @80KHz 32 Ohm Load

THD: -70dB Max @20KHz, 1.85Vrms across Pri

32 Ohm load, 135 Ohms Input

Isolation Voltage: 2500Vac, Pins Line to Chip for 1 Sec

XFMRS Inc www.XFMRS.com		Title: xDSL Transformer	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in INCH	P/N: XFADSL65S		REV. A
	DWN.	Juan Mao	Mar-17-08
	CHK.	YK Liao	Mar-17-08
SHEET 1 OF 1	APP.	BW	Mar-17-08