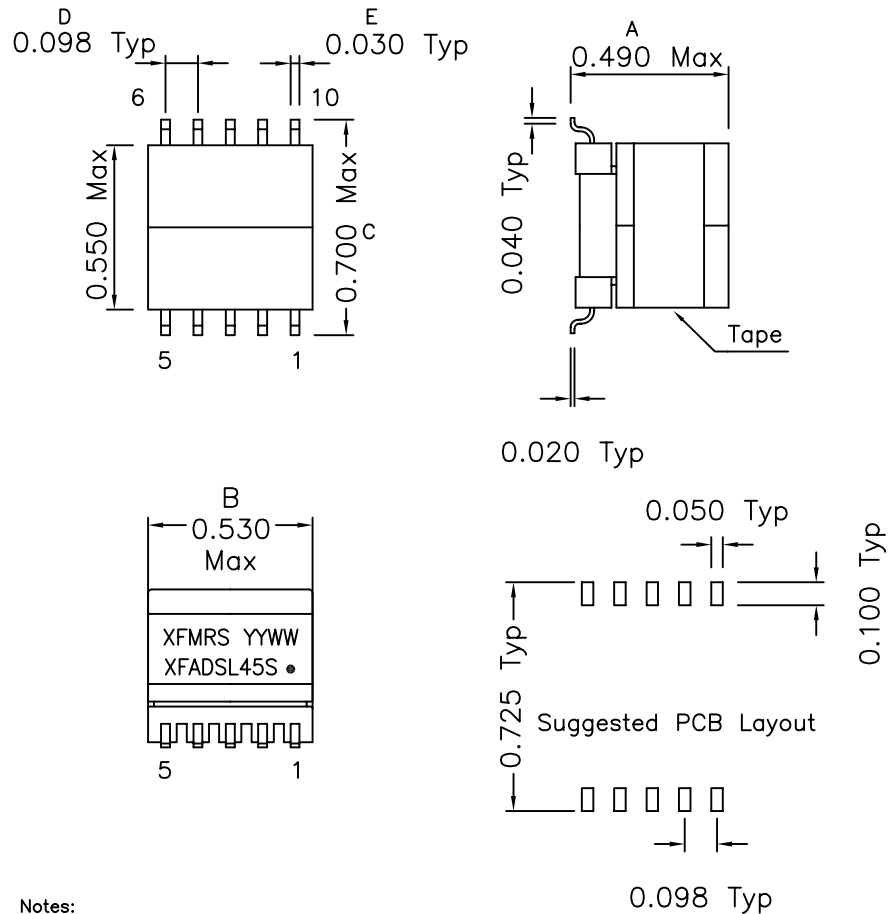


1. Mechanical Dimensions:

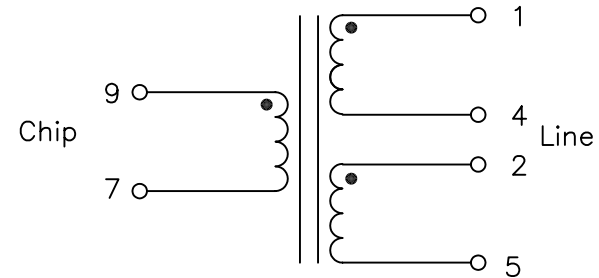


Notes:

- 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 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: $\pm 0.004'' (0.102\text{mm})$
- Electrical and mechanical specifications 100% tested
- RoHS 6/6 Compliant Component

DOC. REV: A/3

2. Schematic:



3. Electrical Specifications:

- OCL: Pins 1-5 3.0mH \pm 6% @10KHz, 0.1V Tie Pins 2-4
 Q: Pins 1-5 15 Min @10KHz, 0.1V Tie Pins 2-4
 Leakage L: Pins 1-5 15uH Max @100KHz, 0.1V
 Short Pins 9-7, Tie Pins 2-4
 Cw/w: (Pins 1-9) 150pF MAX @100KHz, 1.0V
 Tie Pins 2-4
 Turns Ratio: (9-7):(1-5)=1:5.4CS \pm 1% (Tie Pins 2-4)
 DC Res.: (Pins 1-5) 4.0 Ohms Max (Tie Pins 2-4)
 DC Res.: (Pins 9-7) 0.35 Ohms Max
 Hipot: 2000Vac Chip-Line, 1 sec
 500Vac wdgs-core
 Insertion Loss: 0.5dB MAX @100KHz
 RL: 15dB Min @40KHz to 500KHz
 Long Bal.: -55dB MAX @20KHz to 500KHz
 THD: -76dB MAX @5KHz Fundamental

Designed to meet UL1950 requirements for Supplementary Insulation with 250 working volts.

XFMRs Inc www.XFMRs.com	Title: Isolation Transformer		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx \pm 0.010 Dimensions in INCH	P/N: XFADSL45S	REV. A
SHEET 1 OF 1	DWN.	Xianyi	Jul-23-09
	CHK.	YK Liao	Jul-23-09
	APP.	BW	Jul-23-09