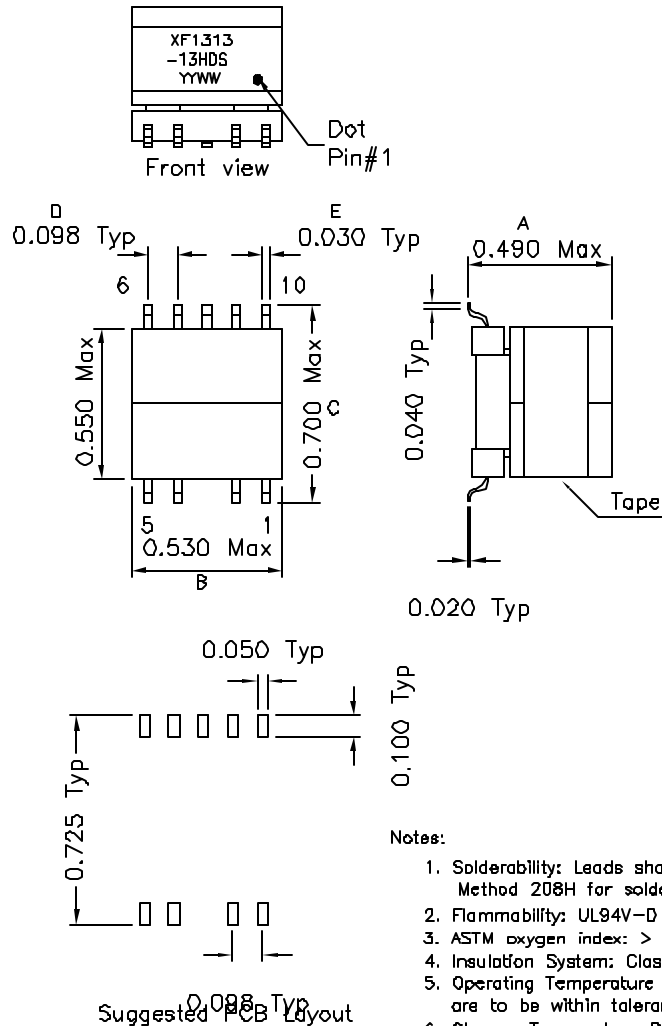


## 1. Dimensions:

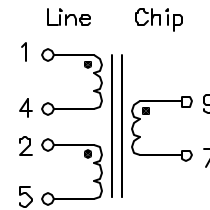


### Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-D
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:  $\pm 0.004"$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

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## 2.Schematic:



## 3.Electrical Specifications: @25°C

- PIN1-5 OCL: 2.0mH  $\pm 10\%$  @10KHz 0.1V  
 PIN1-5 OCL: 1.7mH Min @10KHz 0.1V 160mADC  
 (Connect PIN2-4)
- PIN1-5 Q: 8 Min @10KHz 0.1V  
 PIN1-5 LL: 11uH Max @100KHz 100mV  
 (CONNECT PIN 2+4, 7+9)
- URNS RATIO: (1-5):(9-7) = 2:1 $\pm 1\%$  tie(2+4)
- DC Res.: Pins 1-4 1.25 Ohms Max  
 DC Res.: Pins 2-5 1.25 Ohms Max  
 DC Res.: Pins 9-7 1.25 Ohms Max
- THD: -70dB Max @20KHz, 1-5(tie 2+4)  
 1.85Vrms, 32 Ohm Load, 7-9
- ISOLATION VOLTAGE: 2500Vrms (Chip to Line)  
 OPERATING TEMP: -40 TO 85°C

Note: Designed to meet the specifications of UL 1950 for supplementary insulation for a primary circuit with 250 working volts.

<b>XFMRs Inc</b> www.XFMRS.com	Title: HDSL TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx $\pm 0.010$ Dimensions in INCH	P/N: XF1313-13HDS	REV. A
SHEET 1 OF 1	DWN.	Juan Mao	Jun-10-08
	CHK.	YK Liao	Jun-10-08
	APP.	BW	Jun-10-08