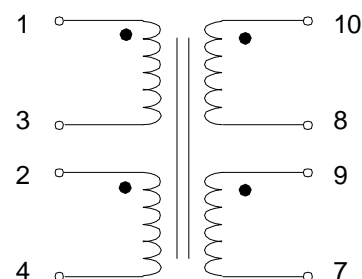


# DSL Transformer

Turns Ratio	1 : 1			
Parameter	Min.	Typ.	Max.	Units
Inductance <sup>1</sup> 1-4 (Tie 2+3)	387.1	407.5	427.8	μH
Leakage Inductance <sup>2</sup> 1-4(Tie 2+3, 8+9, 10+7)			10	μH
Interwinding Capacitance <sup>3</sup>			25	pF
DC Resistance 1-3 or 2-4			0.72	Ω
DC Resistance 10-8 or 9-7			0.61	Ω
Frequency Response 30k - 2MHz			3.0	dB
Longitudinal Balance 20k - 1MHz		55		dB
Hi-Pot Primary to Secondary	1875			V <sub>RMS</sub>
Impedance 100Ω Pri. with 100Ω Sec				
Total Harmonic Distortion 85dB Min. 100kHz, 15Vp-p drive signal at PRI				

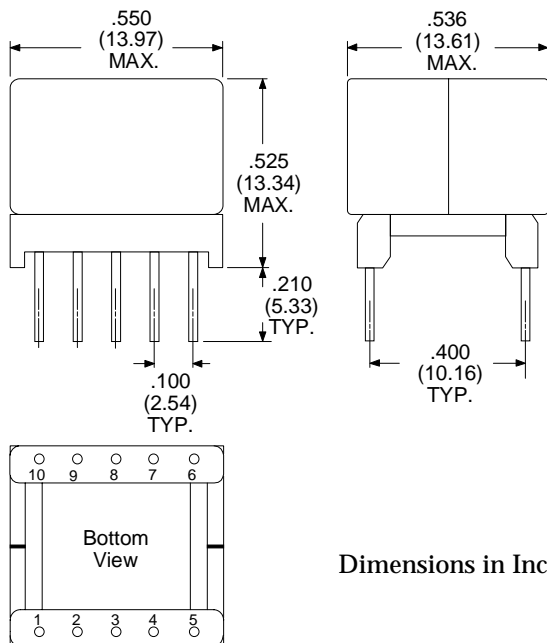
1 10kHz and 100mV  
 2 100kHz and 100mV  
 3 10kHz and 1V

Schematic Diagram



Designed to meet the supplementary insulation requirements of UL1950 for a working voltage of 250V

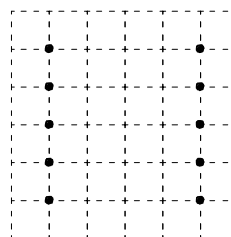
Materials used in construction of this component meet or exceed UL Class B and can be operated up to 130°C



Dimensions in Inches (mm)

PIN POSITION GRID 0.100 (2.54)

● HOLES FOR BOBBIN PINS



Pin Diameter is 0.025 (0.64)

RHOMBUS P/N: T-1328	
CUST P/N:	NAME:
DATE: 09/30/00	SHEET: