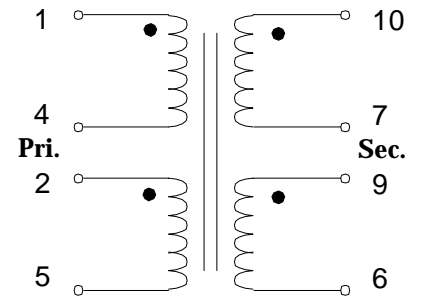


ADSL Transformer

Turns Ratio		1 : 1 ±2%		
Parameter	Min.	Typ.	Max.	Units
Inductance ¹ 1-5 (Tie 2+4)	383.0	407.5	431.9	μH
Leakage Inductance ² 1-5(Tie 7+9, 10+6, 2+4)			10	μH
Interwinding Capacitance ²			25	pF
DC Resistance 6-9 or 10-7			0.363	Ω
DC Resistance 5-2 or 4-1			0.429	Ω
Frequency Response 20k - 2MHz			3.0	dB
Longitudinal Balance 20k - 1.1MHz	55			dB
Hi-Pot Primary to Secondary	1875			V _{RMS}
Inserion Loss 772 kHz			0.5	dB
Total Harmonic Distortion -85dB Max. 100kHz, 5.3 Vrms across primary, 100 ohm load, 100 ohm input,(Tie 2+4, 7+9)				

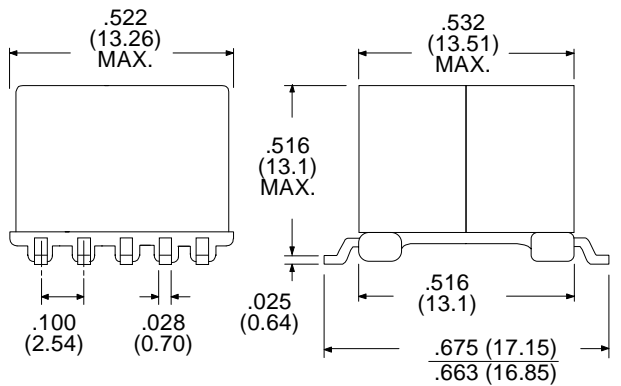
- 1 10kHz and 100mV
2 100kHz and 100mV

Schematic Diagram

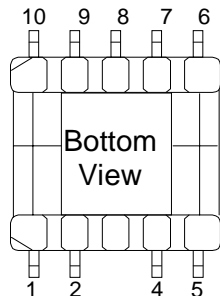


Designed to meet supplementary insulation requirements of IEC950 for a working voltage of 250V

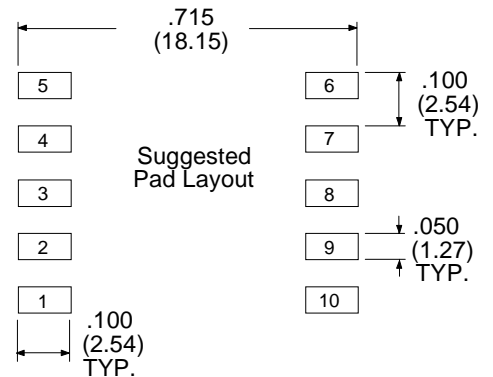
Materials used in construction of this component meet or exceed UL Class B and can be operated up to 130°C



Dimensions in Inches (mm)



Unused pin #3 Removed



RHOMBUS P/N: T-1462G

CUST P/N:

NAME:

DATE: 10/24/01

SHEET: