ADSL Transformer

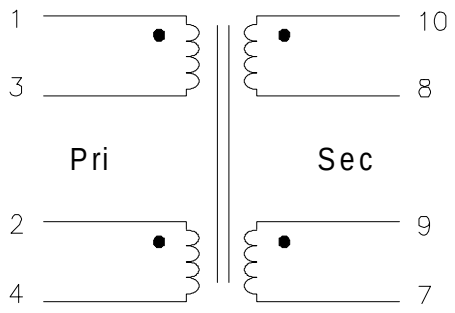
Reinforced Insulation Per EN 41003/EN 60950

Turns Ratio (± 3 %)	1.4 : 1

PARAMETER	MIN.	MAX.	UNITS
Primary Inductance[1] Pins 1-4 with 2 & 3 shorted.	895	1200	µH
Secondary Inductance Pins 10-7 with 8 & 9 shorted.	453	550	µH
Leakage Inductance		15	µH
Interwinding Capacitance		20	pF
Primary DC Resistance Pins 1-3 or 2-4		0.4	ohms
Secondary DC Resistance Pins 10-8, or 9-7		0.4	ohms
Isolation (Hi-Pot)	3000		V_{RMS}
DC Bias		2	mA

[1]Tested @ 100kHz & 100 mV_{RMS}

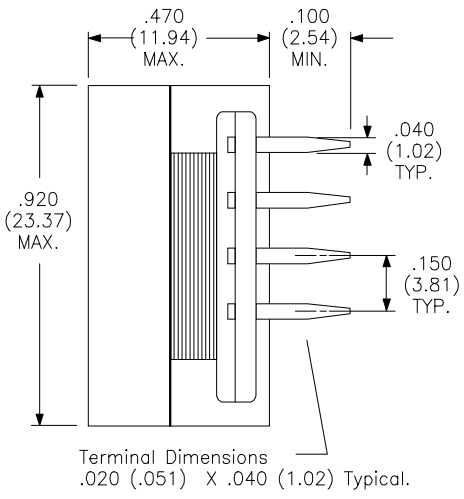
Schematic Diagram



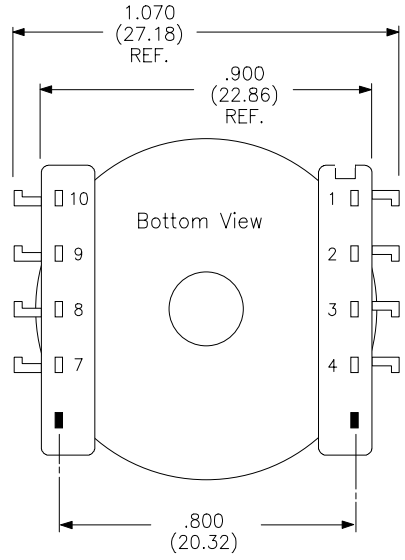
This part is available in Surface Mount. Add Suffix "G" to part number.

Physical Dimensions
inches (mm)

Unused Pins Omitted



NOTE: 10 PIN BOBBIN WITH PIN #5 & #6 REMOVED.



Termination Numbers for Reference Only.

RHOMBUS P/N: T-1114	
CUST P/N:	NAME:
DATE: 1/15/98	SHEET: 1 of 1

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