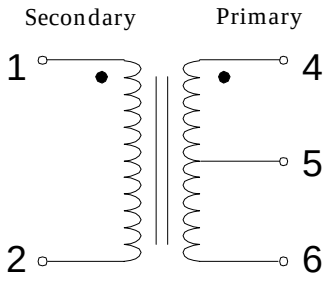
Transformer

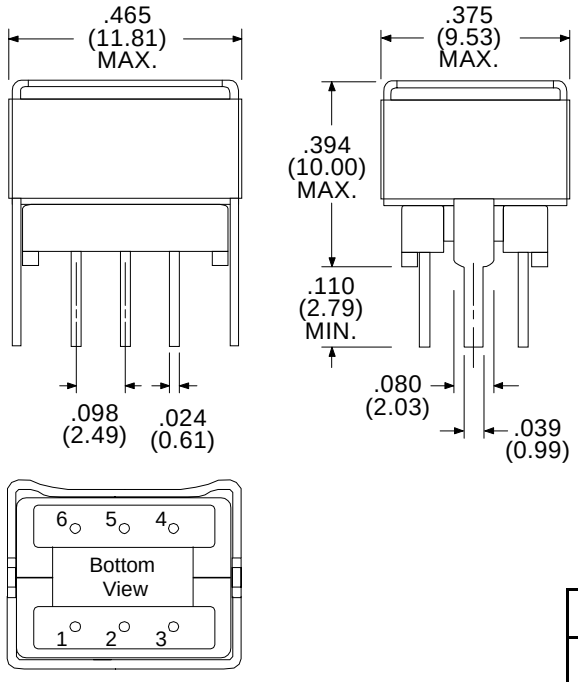
Turns Ratio (± 3 %)	4-6/1-2 = 1 : 1

PARAMETER	MIN.	TYP.	MAX.	UNITS
Primary Inductance[1] Pins 1-2.	600			µH
Leakage Inductance [2]			0.75	µH
Interwinding Capacitance [3]			27	pF
Primary DC Resistance Pins 1-2		0.6		ohms
Secondary DC Resistance Pins 4-5 or 5-6.		0.6		ohms
Isolation (Hi-Pot) 4-1 to 4-6	2500			V_{RMS}
Insulation Resistance	10			MΩ
Longitudinal Balance @ 1.544 MHz [4]		0.6		ohms

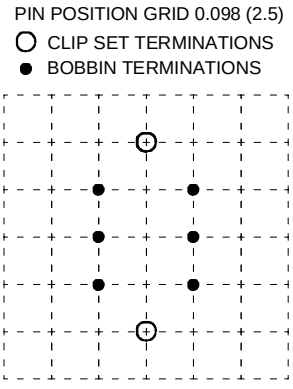
Schematic Diagram



1. Tested @ 1kHz & 500 mV_{RMS}
2. Tested @ 10kHz & 100 mV_{RMS}
3. Tested @ 1kHz & 1 V_{RMS}
4. To meet or exceed FCC part 68 requirements



Physical Dimensions
inches (mm)



RHOMBUS P/N: T-1149	
CUST P/N:	NAME:
DATE: 09/29/98	SHEET: 1 of 1

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