

# Transformer

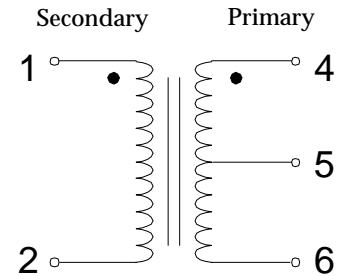
Turns Ratio ( $\pm 3\%$ )

1 : 1.37

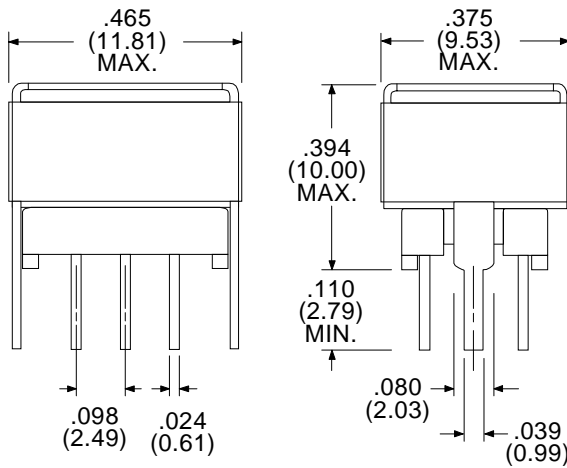
PARAMETER	MIN.	TYP.	MAX.	UNITS
Primary Inductance <sup>1</sup> Pins 1-2.	600			$\mu\text{H}$
Leakage Inductance <sup>2</sup>			0.75	$\mu\text{H}$
Interwinding Capacitance <sup>3</sup>			27	pF
Primary DC Resistance Pins 1-2		0.6		ohms
Secondary DC Resistance Pins 4-5 or 5-6.		0.6		ohms
Isolation (Hi-Pot) 4-1 to 4-6	2500			VDC
Insulation Resistance 500 VDC	10k			M $\Omega$
Longitudinal Balance <sup>4</sup> @ 1.544 MHz	35			dB

1. Tested @ 10kHz & 500 mV<sub>RMS</sub>
2. Tested @ 10kHz & 100 mV<sub>RMS</sub>
3. Tested @ 1kHz & 1 V<sub>RMS</sub>
4. To meet or exceed FCC part 68 requirements

## Schematic Diagram



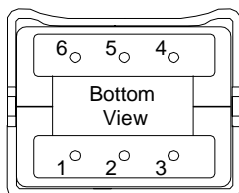
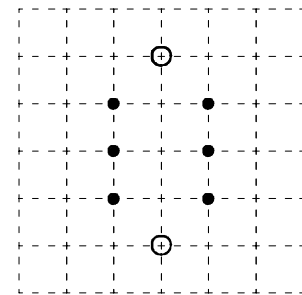
Temperature Range  
-40°C to +85°C



Physical Dimensions  
inches (mm)

PIN POSITION GRID 0.098 (2.5)

- CLIP SET TERMINATIONS
- BOBBIN TERMINATIONS



RHOMBUS P/N: T-1152

CUST P/N:

NAME:

DATE: 09/29/98

SHEET: 1 of 1