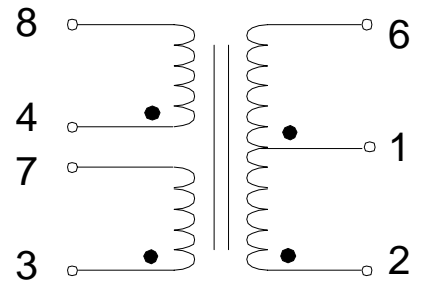


# Impedance Transformer

Turns Ratio	(Pin 2-6 : Pin 3-7)	1.60 : 1.70
Turns Ratio	(Pin 3-7 : Pin 4-8)	1.95 : 2.05
Turns Ratio	(Pin 2-1 : Pin 1-6)	0.95 : 1.05

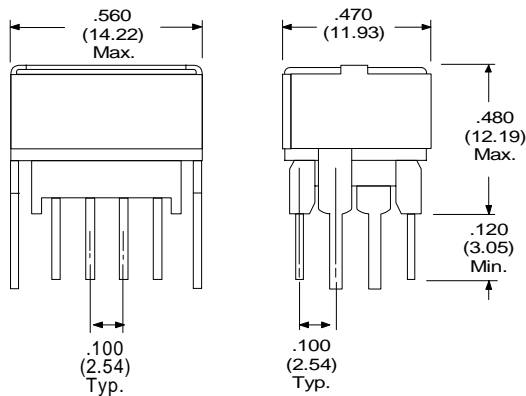
Schematic Diagram



PARAMETER	MIN.	MAX.	UNITS
Primary Inductance <sup>(1)</sup> Pins 3-7	7.68		mH
Leakage Inductance <sup>(2)</sup> Pins 3-7 Pins 2-6 Shorted		3	μH
DC Resistance (Pin 1-6)		0.95	ohms
DC Resistance (Pin 2-1)		1.0	ohms
DC Resistance (Pin 3-7)		1.8	ohms
DC Resistance (Pin 4-8)		0.75	ohms
Isolation (Hi-Pot) Winding to Winding	500		V <sub>RMS</sub>
Isolation (Hi-Pot) Winding to Core	500		V <sub>RMS</sub>

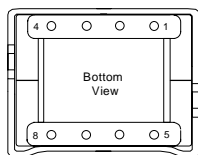
This part is available in Surface Mount. Add Suffix "G" to part number.

1. Tested at 10 KHz & 1 V
2. Tested at 100 KHz & 1 V



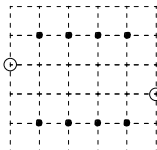
Physical Dimensions  
inches (mm)

Pin Diameter is 0.022 (0.56)



PIN POSITION GRID 0.100 (2.54)

- HOLES FOR BOBBIN PINS
- HOLES FOR CLIP PINS (.040 Dia.)



RHOMBUS P/N: T-1231	
CUST P/N:	NAME:
DATE: 4/19/99	SHEET: 1 of 1