

Turns Ratio ( ± 5% )

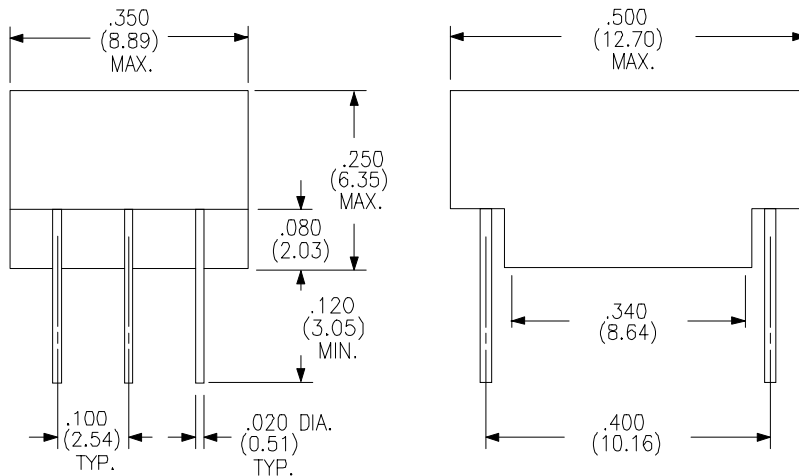
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PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	5000		μHy
Leakage Inductance		3.6	μHy
Interwinding Capacitance ( $C_{w/w}$ )		33	pF
Primary DC Resistance		3.9	ohms
Secondary DC Resistance		2.0	ohms
Primary ET-Constant	25		Vμs
Rise Time		10.5	nS
Isolation (HI-POT)	500		V <sub>RMS</sub>
Average Power Rating	500 mW		
Dissipation Rating	150 mW		
Peak Pulse Voltage	100 volts		
Insulation Resistance	10,000 MΩ		
<b>TEST CONDITIONS:</b>			
Oscillation Voltage = 20mV			
Oscillation Frequency = 100.0 KHz TESTED WITH AN H.P. 4192A			

\*Primary tested on pins 1-2

### PHYSICAL DIMENSIONS

All dimensions in inches (mm)

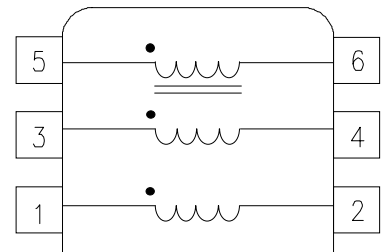


# MULTI-PURPOSE PULSE TRANSFORMER

Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

Parts shipped in anti-static tubes. 50 pieces per tube

### SCHEMATIC DIAGRAM

RHOMBUS P/N: **T-50137**

CUST P/N:

NAME:

DATE: 07/02/98

SHEET: 1 OF 1