MULTI-PURPOSE PULSE TRANSFORMER

Turns Ratio (± 5%)	1:1:1

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	10		µHy
Leakage Inductance		0.5	µHy
Interwinding Capacitance ($C_{W/W}$)		22	pF
Primary DC Resistance		0.9	ohms
Secondary DC Resistance		0.9	ohms
Primary ET-Constant	3.7		Vµs
Rise Time		5.1	nS
Isolation (HI-POT)	500		V_{RMS}

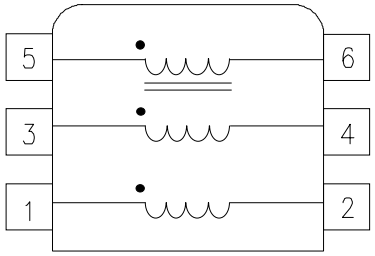
Average Power Rating	500 mW
Dissipation Rating	150 mW
Peak Pulse Voltage	100 volts
Insulation Resistance	10,000 MΩ

TEST CONDITIONS:
Oscillation Voltage = 20mV
Oscillation Frequency = 100.0 KHz TESTED WITH AN H.P. 4192A

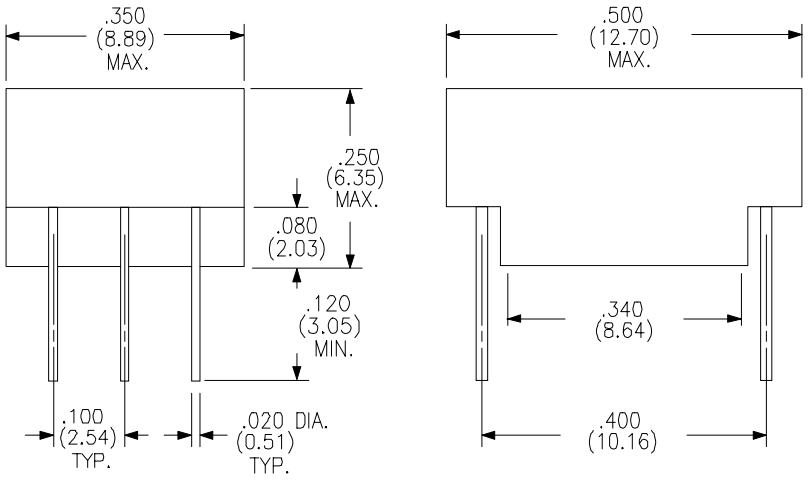
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

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

SCHEMATIC DIAGRAM



PHYSICAL DIMENSIONS
All dimensions in inches (mm)



RHOMBUS P/N: **T-50106**	
CUST P/N:	NAME:
DATE: 07/02/98	SHEET: 1 OF 1

Rhombus Industries Inc.
Transformers & Magnetic Products

www.rhombus-ind.com

15801 Chemical Lane,
Huntington Beach, CA 92649-1595
Phone: (714) 898-0960 • FAX: (714) 896-0971