

ISOLATION TRANSFORMER

DESIGNED FOR USE WITH SGS ST7537

Turns Ratio (± 5%) Pins 5-3:3-1:6-2	4:1:1
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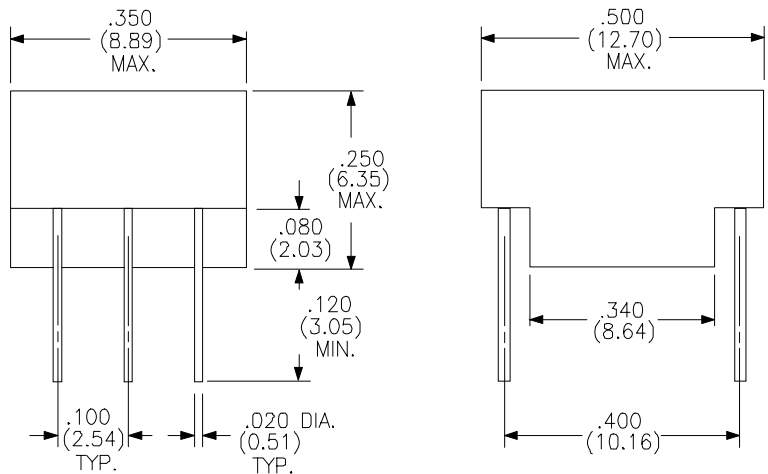
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	112	168	μHy
Leakage Inductance		5	μHy
Interwinding Capacitance (C _{www})		12	pF
Primary DC Resistance		0.6	ohms
Secondary DC Resistance		0.4	ohms
Isolation (HI-POT)	1.5		KV _{RMS}
ET Product	10		VμS
TEST CONDITIONS: Oscillation Voltage = 20mV Oscillation Frequency = 100.0 KHz Inductance measured on Primary winding. Pins 5 - 3.			

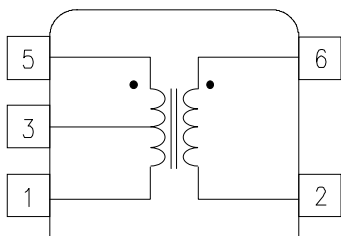
Temperature Characteristics:
 -40° C 89.6 μH min. (20% drop in inductance)
 +85° C 1.42 μH min. (27% growth in inductance)
Typical part:
 140 μH @ +25° C
 178 μH @ +85° C
 112 μH @ -40° C

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

PHYSICAL DIMENSIONS
 All dimensions in inches (mm):



SCHEMATIC DIAGRAM



RHOMBUS P/N: T-933	
CUST P/N:	NAME:
DATE: 7/8/97	SHEET: 1 OF 1