

# 10BASE T ISOLATION TRANSFORMER

Turns Ratio $\pm 2\%$	1CT:1CT (Pins 1-3:16-14) 1CT:2CT (Pins 6-8:11-9)
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PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance Oscillation Voltage = 100mV Oscillation Frequency = 100.0 KHz	140 25		$\mu$ Hy $\mu$ Hy
Leakage Inductance Oscillation Level = 100mV Oscillation Frequency = 100.0 KHz		0.4	$\mu$ Hy
Interwinding Capacitance ( $C_{w/w}$ ) Oscillation Frequency = 100.0 KHz		15	pF
Primary DC Resistance		0.3	ohms
Secondary DC Resistance		0.5/0.6	ohms
High Potential Test	2 Kv		$V_{RMS}$

High Isolation 2000Vrms

Fast Rise Times

Meets ECMA Requirements

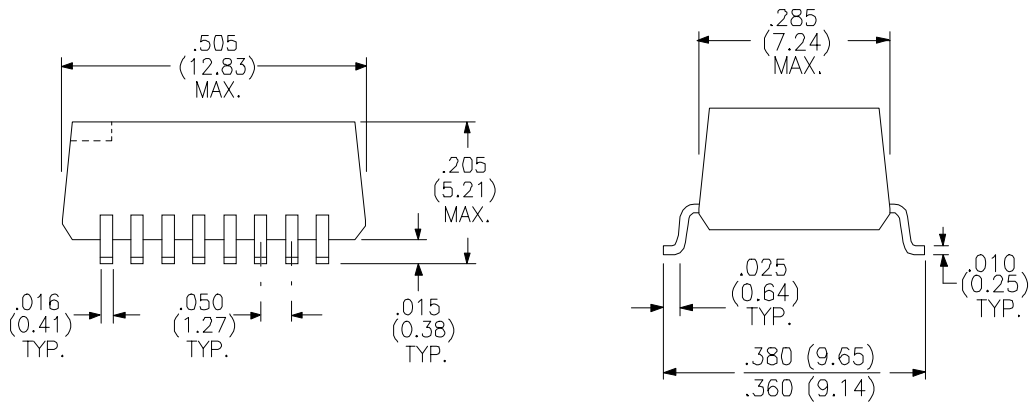
IEEE 802.3 Compatible  
(10BASE 2, 10BASE 5, & 10BASE T)

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

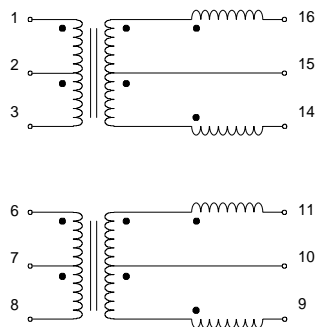
Parts shipped in anti-static tubes. 33 pieces per tube

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM



RHOMBUS P/N: <b>T-14950</b>	
CUST P/N:	NAME:
DATE: 07/27/00	SHEET: 1 OF 1