10BASE T ISOLATION TRANSFORMER

Turns Ratio ±2%	1CT:1CT (Pins 1-3:16-14) 1CT:1.41CT (Pins 6-8:11-9)

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance Oscillation Voltage = 100mV Oscillation Frequency = 100.0 KHz	175		µHy
Leakage Inductance Oscillation Level = 100mV Oscillation Frequency = 100.0 KHz		0.4	µHy
Interwinding Capacitance ($C_{W/W}$) Oscillation Frequency = 100.0 KHz		20	pF
Primary DC Resistance		0.9	ohms
Secondary DC Resistance		0.9	ohms
High Potential Test	2 Kv		V_{RMS}

High Isolation 2000Vrms

Fast Rise Times

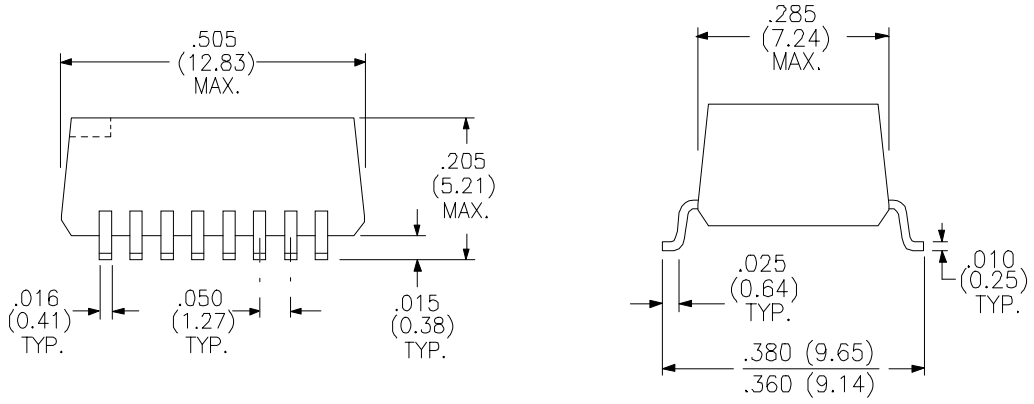
Meets ECMA Requirements

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

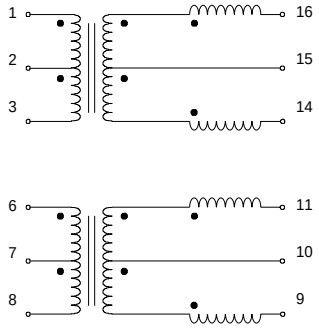
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

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

PHYSICAL DIMENSIONS
All dimensions in inches (mm):



SCHEMATIC DIAGRAM



RHOMBUS P/N: **T-14949**	
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