

# 10BASE T ISOLATION TRANSFORMER

Turns Ratio $\pm 5\%$	1CT:1CT (Pins 1-3:16-14)
	1CT:2CT (Pins 6-8:11-9)

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance (1-3) @ 10 kHz-10mV	120		$\mu\text{H}$
Open Circuit Inductance (6-8) @ 10 kHz-10mV	20		$\mu\text{H}$
Leakage Inductance (1-3, Short 16-14) @1MHz-1V		0.4	$\mu\text{H}$
Leakage Inductance (6-8, Short 11-9) @1MHz-1V		0.2	$\mu\text{H}$
Interwinding Capacitance @100kHz-1V (1-3 to 14-16)		9.0	pF
Interwinding Capacitance @100kHz-1V (6-8 to 11-9)		6.0	pF
DC Resistance Any Winding		0.9	ohms
HI-POT	1500		$V_{\text{RMS}}$

Fast Rise Times

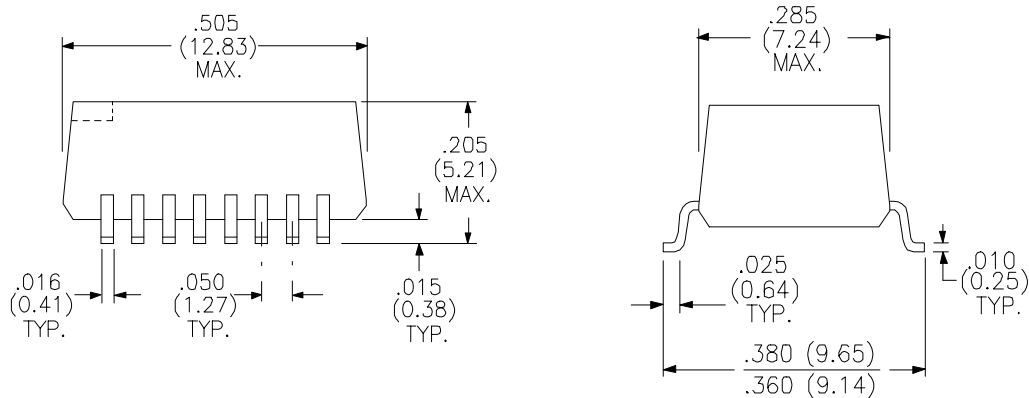
Meets ECMA Requirements

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

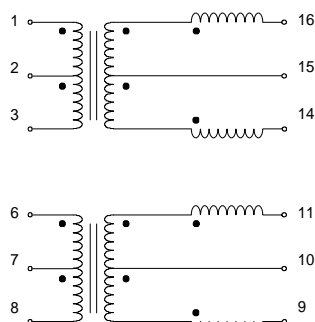
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

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

## Dimensions in inches (mm)



## SCHEMATIC DIAGRAM



RHOMBUS P/N: **T-14954**

CUST P/N:

NAME:

DATE: 07/02/98

SHEET: 1 OF 1