

# 10BASE-T/ETHERNET ISOLATION TRANSFORMER

Turns Ratio	1CT:1CT & 1CT:1.41CT*
-------------	-----------------------

\*Pins 6 & 8 : 9 & 11

IEEE 802.3 & ECMA Compatible

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	140		$\mu$ Hy
Leakage Inductance		0.2	$\mu$ Hy
Interwinding Capacitance ( $C_{w/w}$ )		12	pF
Rise Time		3.5	ns
ET	2.7		V $\mu$ S
Primary DC Resistance		0.3	ohms
Secondary DC Resistance		0.3	ohms
High Potential Test	2000		V <sub>RMS</sub>

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

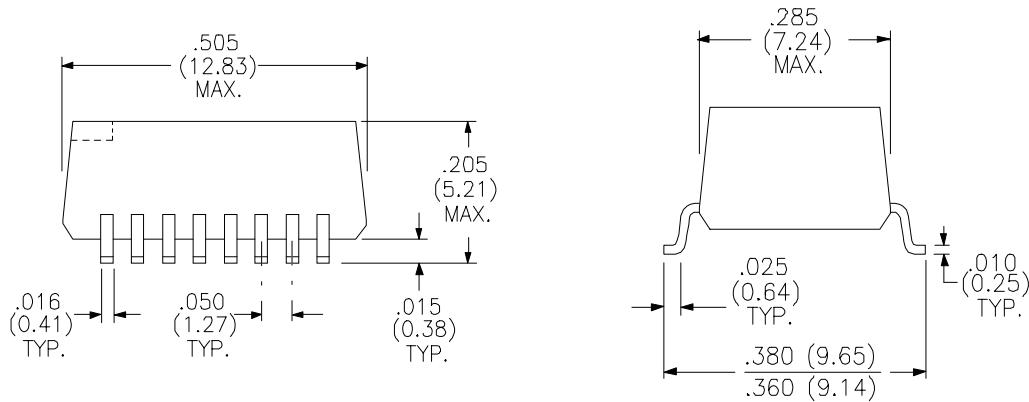
Parts shipped in anti-static tubes. 34 pieces per tube

Available on  
Tape & Reel

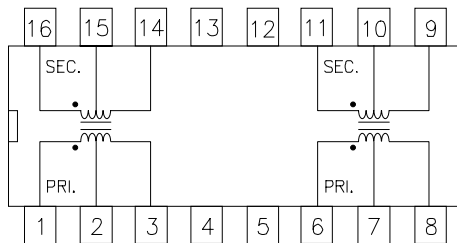
Test Conditions: 100mV @ 100 KHz  
Operating Temp. Range -45°C to +85°C

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



RHOMBUS P/N: <b>T-14018</b>	
CUST P/N:	NAME:
DATE: 10/23/97	SHEET: 1 OF 1