

# 10BASE-T/ETHERNET ISOLATION TRANSFORMER

Turns Ratio ( ±5% )	1:1
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TRIPLE STYLE  
(3 Transformers per Package)

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	160	240	μHy
Leakage Inductance		0.3	μHy
Interwinding Capacitance ( $C_{w/w}$ )		15	pF
Rise Time		3.5	ns
ET	3.5		VμS
Primary DC Resistance		0.4	ohms
Secondary DC Resistance		0.4	ohms
High Potential Test	2000		V <sub>RMS</sub>

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

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

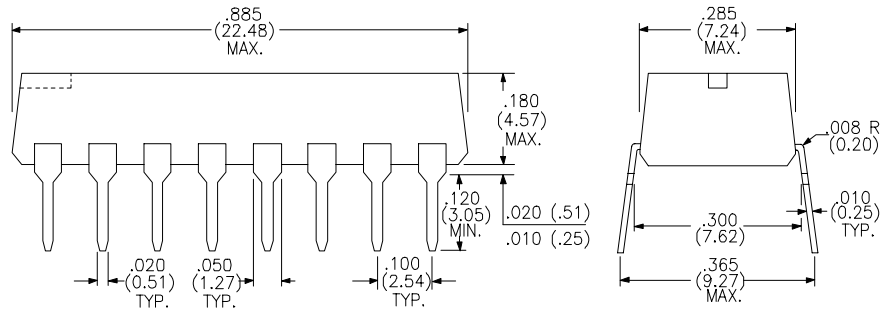
Parts shipped in anti-static tubes. 19 pieces per tube

Surface mount version of this part available. Part# T-10907G

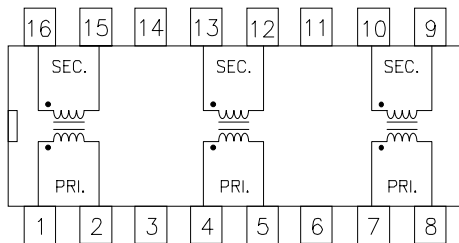
Test Conditions:  
Oscillation Voltage = 20mV  
Oscillation Frequency = 100.0 KHz

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



RHOMBUS P/N: T-10907	
CUST P/N:	NAME:
DATE: 07/02/98	SHEET: 1 OF 1