

# 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	24	36	μHy
Leakage Inductance		0.2	μHy
Interwinding Capacitance ( $C_{w/w}$ )		8	pF
Rise Time		3	ns
ET	1.8		VμS
Primary DC Resistance		0.2	ohms
Secondary DC Resistance		0.2	ohms
High Potential Test	500		V <sub>RMS</sub>

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

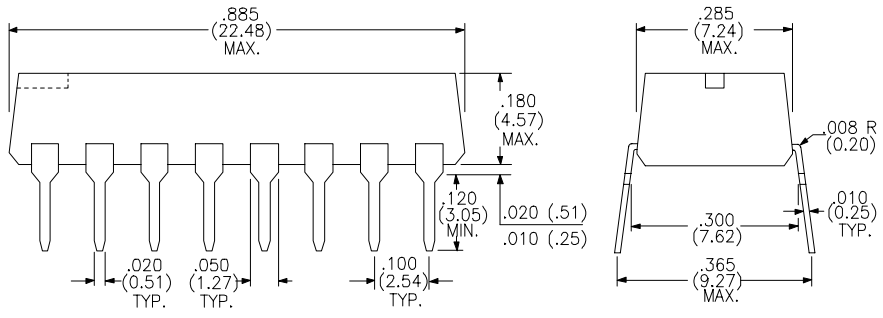
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

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

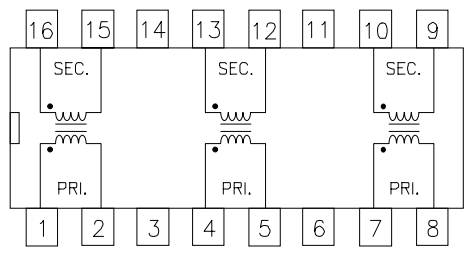
Surface mount version of this part available. Part# T-1080G

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

### PHYSICAL DIMENSIONS All dimensions in inches (mm):



### SCHEMATIC DIAGRAM:



RHOMBUS P/N: T-10800	
CUST P/N:	NAME:
DATE: 07/02/98	SHEET: 1 OF 1