10BASE-T/ETHERNET ISOLATION TRANSFORMER

Turns Ratio (±5%)	1:1

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	160	240	µHy
Leakage Inductance		0.25	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	500		V_{RMS}

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

TRIPLE STYLE
(3 Transformers per Package)

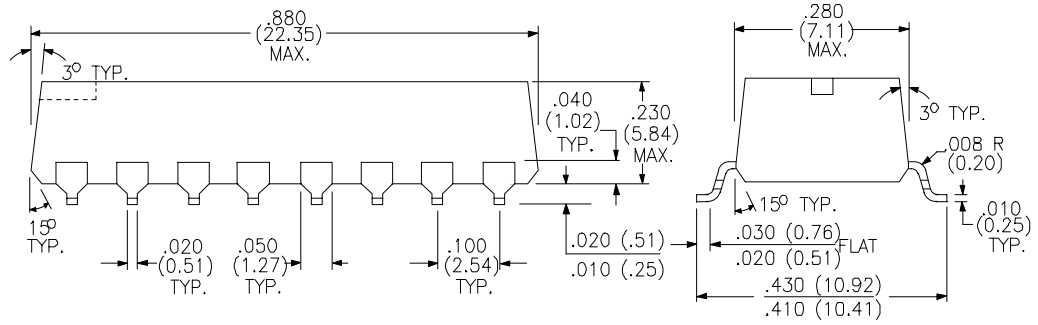
IEEE 802.3 (10 BASE 2, 10 BASE 5) & ECMA Compatible

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

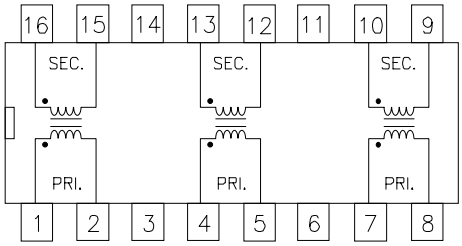
Parts shipped in anti-static tubes. 19 pieces per tube

SMD versions available on Tape & Reel

PHYSICAL DIMENSIONS
All dimensions in inches (mm):



SCHEMATIC DIAGRAM:



RHOMBUS P/N: **T-10807G**	
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