

# 10BASE-T/ETHERNET ISOLATION TRANSFORMER

|                     |     |
|---------------------|-----|
| Turns Ratio ( ±5% ) | 1:1 |
|---------------------|-----|

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

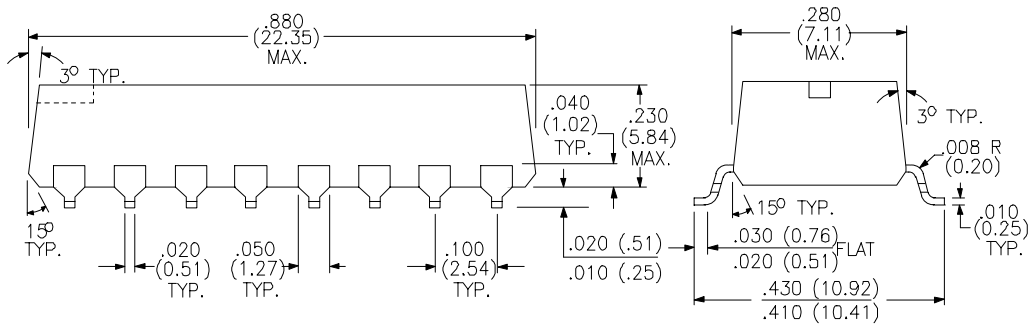
| PARAMETER                              | MIN. | MAX. | UNITS            |
|--|------|------|------------------|
| Open Circuit Inductance                | 200  | 300  | μHy              |
| Leakage Inductance                     |      | 0.25 | μHy              |
| Interwinding Capacitance ( $C_{w/w}$ ) |      | 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 <sub>RMS</sub> |

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

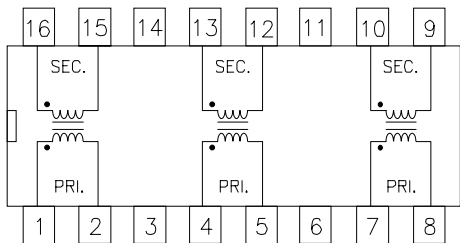
*SMD versions available on Tape & Reel*

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



|                              |               |
|------------------------------|---------------|
| RHOMBUS P/N: <b>T-10808G</b> |               |
| CUST P/N:                    | NAME:         |
| DATE: 07/02/98               | SHEET: 1 OF 1 |