

# 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

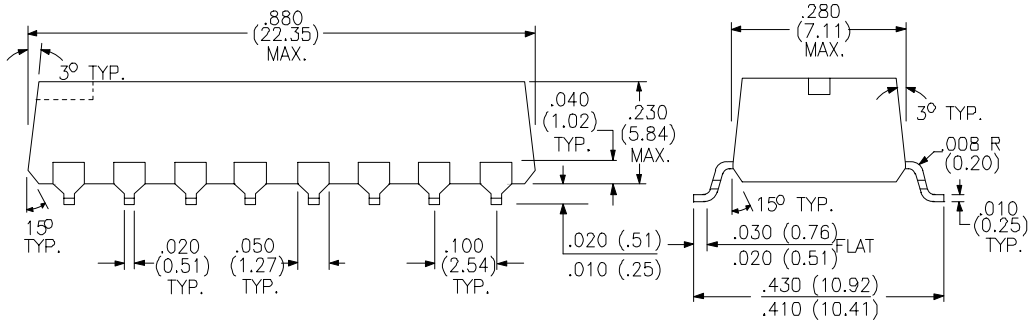
| PARAMETER                              | MIN. | MAX. | UNITS            |
|--|------|------|------------------|
| Open Circuit Inductance                | 60   | 90   | μHy              |
| Leakage Inductance                     |      | 0.2  | μHy              |
| Interwinding Capacitance ( $C_{w/w}$ ) |      | 10   | pF               |
| Rise Time                              |      | 3    | ns               |
| ET                                     | 2.3  |      | VμS              |
| Primary DC Resistance                  |      | 0.25 | ohms             |
| Secondary DC Resistance                |      | 0.25 | ohms             |
| High Potential Test                    | 2000 |      | V <sub>RMS</sub> |

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

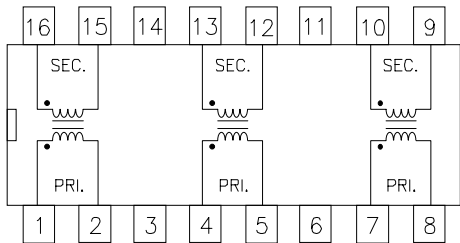
*SMD versions  
available on  
Tape & Reel*

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



|                       |               |
|-----------------------|---------------|
| RHOMBUS P/N: T-10903G |               |
| CUST P/N:             | NAME:         |
| DATE: 07/02/98        | SHEET: 1 OF 1 |