

# 10BASE-T/ETHERNET ISOLATION TRANSFORMER

|                           |     |
|---------------------------|-----|
| Turns Ratio ( $\pm 5\%$ ) | 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

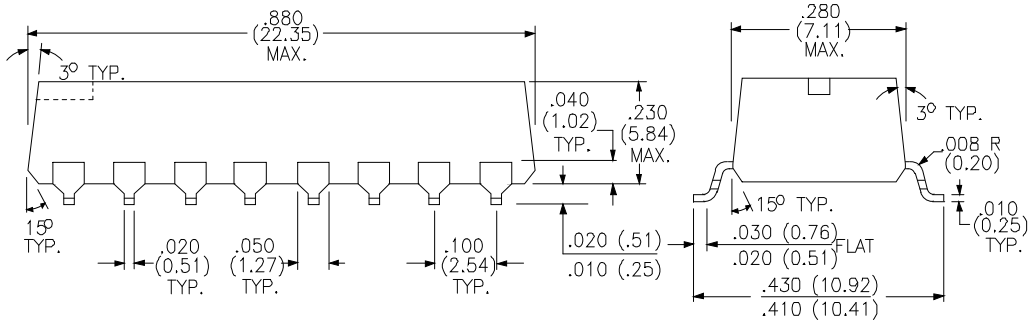
| PARAMETER                              | MIN. | MAX. | UNITS            |
|--|------|------|------------------|
| Open Circuit Inductance                | 40   | 60   | $\mu$ Hy         |
| Leakage Inductance                     |      | 0.2  | $\mu$ Hy         |
| Interwinding Capacitance ( $C_{w/w}$ ) |      | 9    | pF               |
| Rise Time                              |      | 3    | ns               |
| E <sub>T</sub>                         | 2.1  |      | V $\mu$ S        |
| Primary DC Resistance                  |      | 0.2  | ohms             |
| Secondary DC Resistance                |      | 0.2  | ohms             |
| High Potential Test                    | 2000 |      | V <sub>RMS</sub> |

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

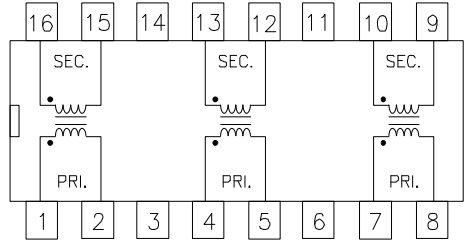
*SMD versions available on Tape & Reel*

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



|                              |               |
|------------------------------|---------------|
| RHOMBUS P/N: <b>T-10902G</b> |               |
| CUST P/N:                    | NAME:         |
| DATE: 08/21/04               | SHEET: 1 OF 1 |