

# 10BASE T ISOLATION TRANSFORMER

|                       |   |
|-----------------------|---|
| Turns Ratio $\pm 5\%$ | 1CT : 2CT (Pins 1-3:16-14)<br>1CT : 1CT (Pins 6-8:11-9) |
|-----------------------|---|

| PARAMETER  | MIN. | MAX. | UNITS    |
|--|------|------|----------|
| Open Circuit Inductance<br>Oscillation Level = 20mV<br>Oscillation Frequency = 100.0 KHz               | 100  |      | $\mu$ Hy |
| Leakage Inductance<br>Oscillation Level = 20mV<br>Oscillation Frequency = 100.0 KHz                    |      | 0.4  | $\mu$ Hy |
| Interwinding Capacitance ( $C_{ww}$ )<br>Oscillation Level = 20mV<br>Oscillation Frequency = 100.0 KHz |      | 10   | pF       |
| Primary DC Resistance  |      | 0.5  | ohms     |
| Secondary DC Resistance  |      | 0.5  | ohms     |

Isolation 2000Vrms

Fast Rise Times

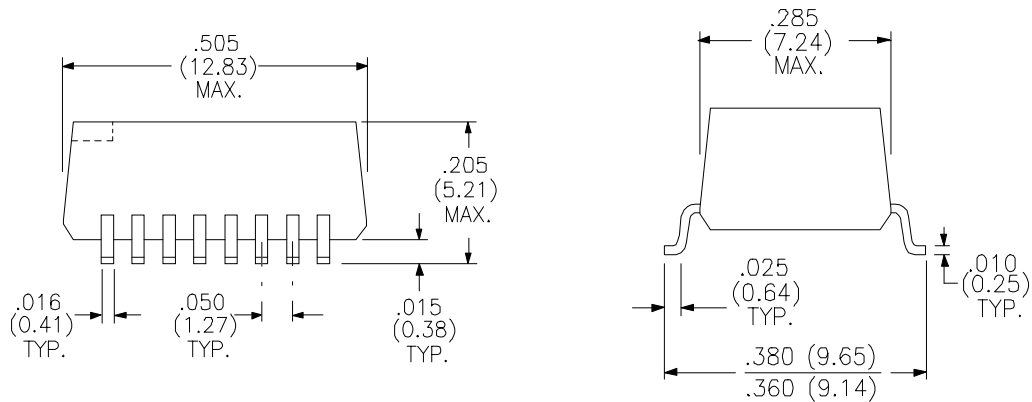
Meets ECMA Requirements

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

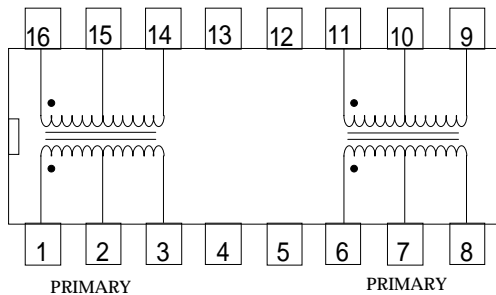
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

Parts shipped in anti-static tubes. 33 pieces per tube

All dimensions in inches (mm):



SCHMATIC DIAGRAM



|                             |               |
|-----------------------------|---------------|
| RHOMBUS P/N: <b>T-14071</b> |               |
| CUST P/N:                   | NAME:         |
| DATE: 02/06/02              | SHEET: 1 OF 1 |