

10BASE-T/ETHERNET ISOLATION TRANSFORMER

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

TRIPLE STYLE
(3 Transformers per Package)

| PARAMETER | MIN. | MAX. | UNITS |
|--|------|------|------------------|
| Open Circuit Inductance | 24 | 36 | μHy |
| Leakage Inductance | | 0.2 | μHy |
| Interwinding Capacitance (C _{w/w}) | | 8 | pF |
| Rise Time | | 3 | ns |
| ET | 1.8 | | VμS |
| Primary DC Resistance | | 0.2 | ohms |
| Secondary DC Resistance | | 0.2 | ohms |
| High Potential Test | 2000 | | V _{RMS} |

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.

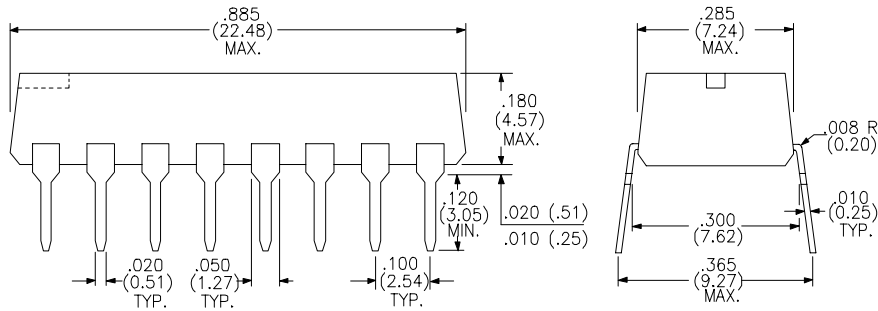
Parts shipped in anti-static tubes. 19 pieces per tube

Surface mount version of this part available. Part# T-1090G

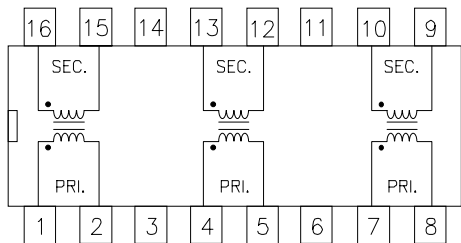
Test Conditions:
Oscillation Voltage = 20mV
Oscillation Frequency = 100.0 KHz

PHYSICAL DIMENSIONS

All dimensions in inches (mm):



SCHEMATIC DIAGRAM:



| | |
|----------------------|---------------|
| RHOMBUS P/N: T-10900 | |
| CUST P/N: | NAME: |
| DATE: 07/02/98 | SHEET: 1 OF 1 |