

# \*T3 INTERFACE TRANSFORMER

Turns Ratio (  $\pm 2\%$  )

1:2CT

| PARAMETER                 | MIN. | MAX. | UNITS    |
|---------------------------|------|------|----------|
| Inductance                | 19   |      | $\mu$ Hy |
| Rise Time                 |      | 3.00 | nS       |
| Leakage Inductance        |      | 0.6  | $\mu$ Hy |
| Capacitance ( $C_{w/w}$ ) |      | 10   | pF       |
| Primary DC Resistance     |      | 0.3  | ohms     |
| <sup>1</sup> Isolation    | 3000 |      | VRMS     |

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. 50 pieces per tube

*A Surface Mount Version  
of this product is  
Available*

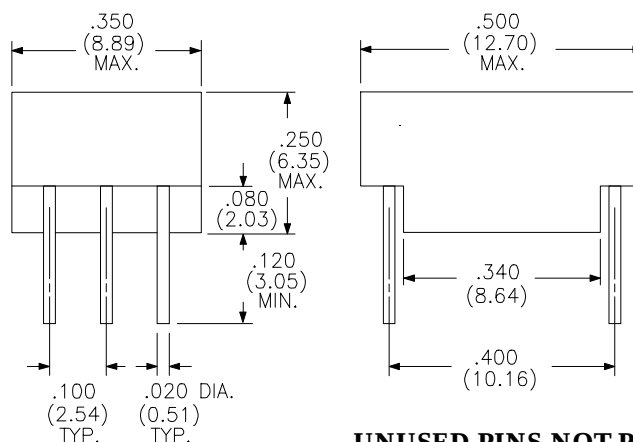
3 dB Bandwidth is .200 - 340 (MHz) typical, tested in a 75 ohm system

<sup>1</sup>Reinforced insulation

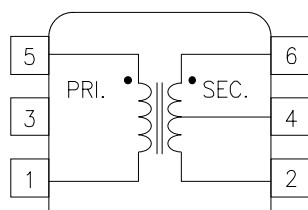
\* Also suitable for DS3, E3 and STS-1 interfaces

Operating Temperature Range: -40°C to +85°C

Dimensions in inches (mm):



**SCHEMATIC DIAGRAM:**



**RHOMBUS INDUSTRIES INC.**  
**FSCM NO. 16714**

RHOMBUS P/N: **T-13109**

CUST P/N:

NAME:

DATE: **12/3/99**

SHEET: 1 OF 1