

*T3 DUAL INTERFACE TRANSFORMER

| | |
|----------------------|---------------|
| Turns Ratio (± 3%) | 1:2CT & 1:2CT |
|----------------------|---------------|

| PARAMETER | MIN. | MAX. | UNITS |
|--------------------------------|------|------|-------|
| Inductance | 40 | | μHy |
| Rise Time | | 3.00 | nS |
| Leakage Inductance | | 0.14 | μHy |
| Capacitance (C _{ww}) | | 15 | pF |
| Primary DC Resistance | | 0.2 | ohms |
| Isolation | 1500 | | VRMS |

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

Temperature Characteristics TX:
 -40° C 24 μH min. (40% drop in inductance)
 +85° C 56 μH min. (40% growth in inductance)
 Typical part: TX Side
 54.0 μH @ +25° C
 78.5 μH @ +85° C
 32.5 μH @ -40° C

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

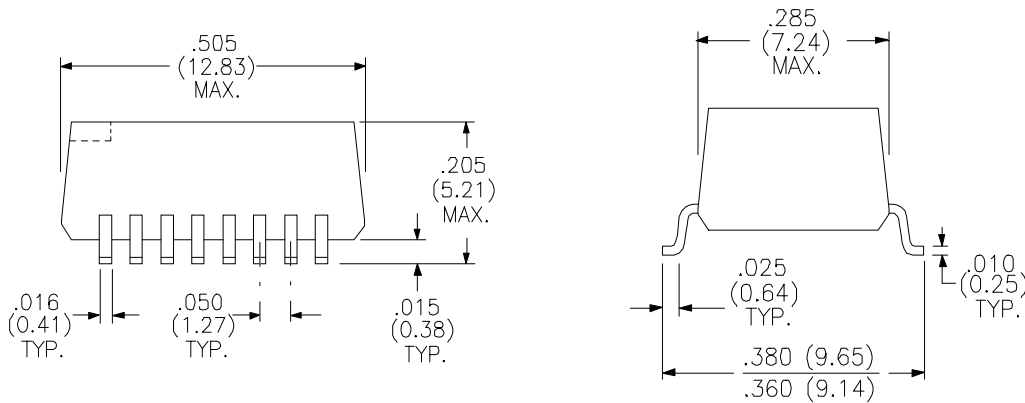
Operating Temperature range: -40°C to +85°C

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

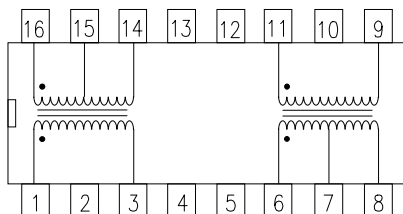
Tape & Reel Available

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

PHYSICAL DIMENSIONS All dimensions in inches (mm):



SCHEMATIC DIAGRAM:



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

RHOMBUS P/N: **T-15105**

CUST P/N:

NAME:

DATE: **9/23/97**

SHEET: 1 OF 1