

*T3 DUAL INTERFACE TRANSFORMER

Turns Ratio (± 3%)	1:2CT (TX) & 1:1 (RX)
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PARAMETER	MIN.	MAX.	UNITS
Primary Inductance TX: pins 16-14 RX: pins 6-8	40 100		μHy μHy
Rise Time		3.00	nS
Leakage Inductance		0.14	μHy
Capacitance (C _{W/W})		10	pF
Primary DC Resistance		0.2	ohms
Isolation	1500		V _{RMS}

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

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

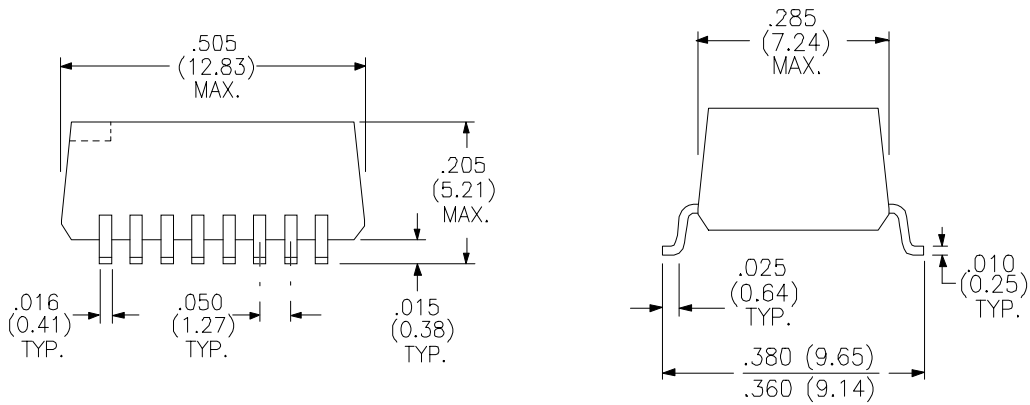
3 dB Bandwidth is .200 - 340 (MHz) typical, tested in a 75 ohm system

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

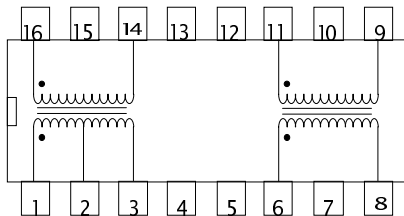
Parts shipped in anti-static tubes. 33 pieces per tube

Tape & Reel Available

PHYSICAL DIMENSIONS All dimensions in inches (mm):



SCHEMATIC DIAGRAM:



RHOMBUS INDUSTRIES INC.
FSCM NO. 16714

RHOMBUS P/N: **T-15102**

CUST P/N:

NAME:

DATE: **7/31/00**

SHEET: 1 OF 1