

T1/CEPT PULSE TRANSFORMER

Turns Ratio ($\pm 5\%$)

*1:1 (75 Ω) /1:1.26 (120 Ω)

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	1.5		mHy
Leakage Inductance		0.40	μ Hy
Interwinding Capacitance (C_{WW})		35	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		0.9	ohms
Isolation (HI-POT)	1.5		KV _{RMS}
ET Product	10		V μ S
Common Mode Rejection (@ 1MHz in 100 Ω System)	50		dB

TEST CONDITIONS:

Oscillation Voltage = 20mV

Oscillation Frequency = 100.0 KHz

Inductance measured on Primary winding. Pins 2 - 6.

*Secondary = Pins 3 - 5 for 75 Ω

Secondary = Pins 1 - 5 for 120 Ω

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

Temperature Characteristics:

-40° C 900 μ H min. (40% drop in inductance)

+85° C 1.7 mH min. (15% growth in inductance)

Typical part:

2.1 mH @ +25° C

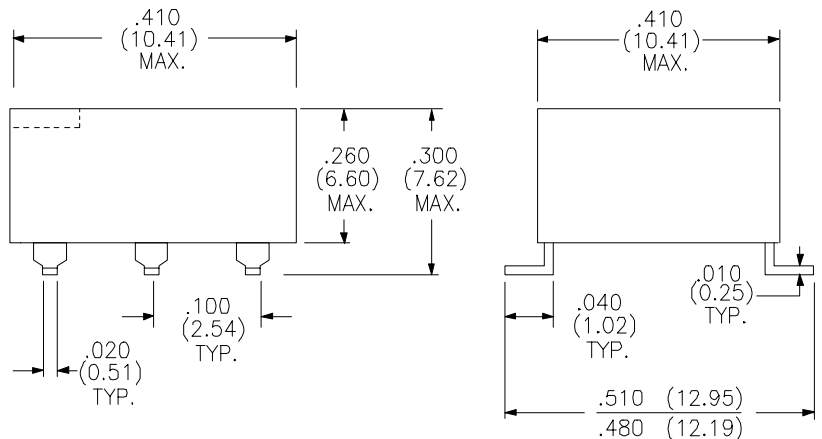
2.4 mH @ +85° C

1.3 mH @ -40° C

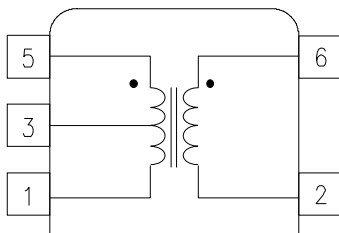
Parts shipped in anti-static tubes. 44 pieces per tube

*Tape & Reel
Available*

PHYSICAL DIMENSIONS
All dimensions in inches (mm):



SCHEMATIC DIAGRAM:



RHOMBUS INDUSTRIES INC.
FSCM NO. 16714

RHOMBUS P/N: T-10320

CUST P/N:

NAME:

DATE: 10/12/96

SHEET: 1 OF 1