

T1/CEPT PULSE TRANSFORMER

Turns Ratio ($\pm 5\%$)

1:1.36CT

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	1.2		mHy
Leakage Inductance		0.80	μ Hy
Interwinding Capacitance (C_{www})		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 1 - 5.

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 700 μ H min. (40% drop in inductance)

+85° C 1.4 mH min. (15% growth in inductance)

Typical part:

1.7 mH @ +25° C

2.0 mH @ +85° C

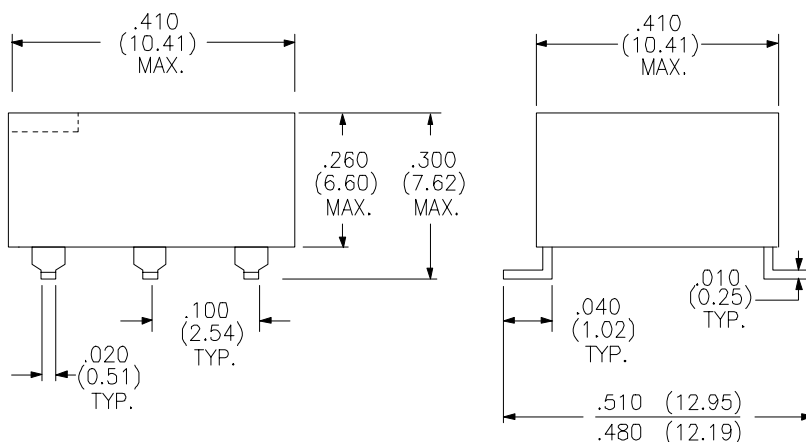
1.0 mH @ -40° C

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

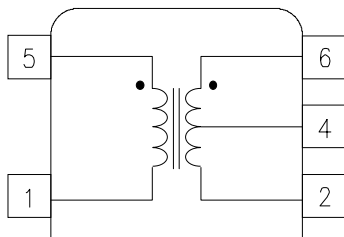
*Tape & Reel
Available*

PHYSICAL DIMENSIONS

All dimensions in inches (mm):



SCHEMATIC DIAGRAM:



RHOMBUS INDUSTRIES INC.
FSCM NO. 16714

RHOMBUS P/N: T-10324

CUST P/N:

NAME:

DATE: 11/7/96

SHEET: 1 OF 1