

# T1/CEPT PULSE TRANSFORMER

Turns Ratio ( ± 5% )	1CT:1
----------------------	-------

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	1.2		mHy
Leakage Inductance		0.80	μHy
Interwinding Capacitance (C <sub>ww</sub> )		25	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		0.7	ohms
Isolation (HI-POT)	1.5		KV <sub>RMS</sub>
ET Product	10		VμS
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.

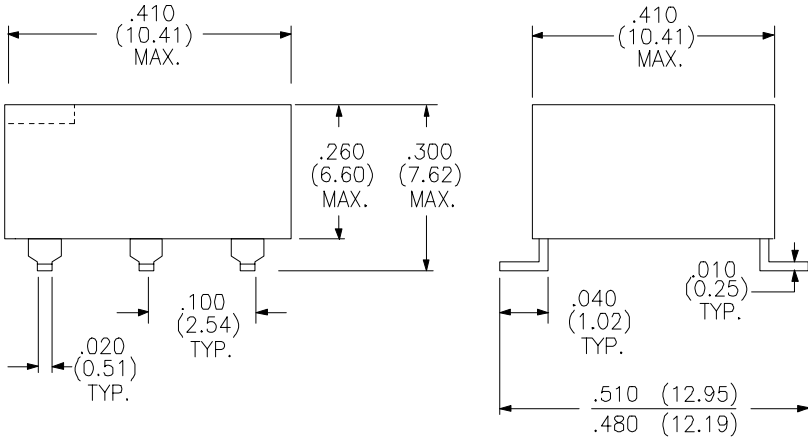
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

**Temperature Characteristics:**  
 -40° C 700 μH 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

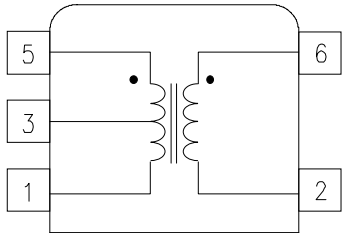
Parts shipped in anti-static tubes. 44 pieces per tube

*Tape & Reel Available*

**PHYSICAL DIMENSIONS**  
 All dimensions in inches (mm):



**SCHEMATIC DIAGRAM:**



<b>RHOMBUS INDUSTRIES INC.</b>	
<b>FSCM NO. 16714</b>	
RHOMBUS P/N: T-10305	
CUST P/N:	NAME:
DATE: 10/12/96	SHEET: 1 OF 1