

# T1/CEPT Pulse Transformer

Turns Ratio ( ± 5% )	1:1
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PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance Oscillation Voltage = 20mV Oscillation Frequency = 100.0 KHz	1.2		mHy
Leakage Inductance Oscillation Level = 20mV Oscillation Frequency = 100.0 KHz		0.50	μHy
Interwinding Capacitance (C <sub>W/W</sub> ) Oscillation Frequency = 100.0 KHz		25	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		0.7	ohms
Isolation (HI-POT)	1.5 Kv		V <sub>RMS</sub>

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

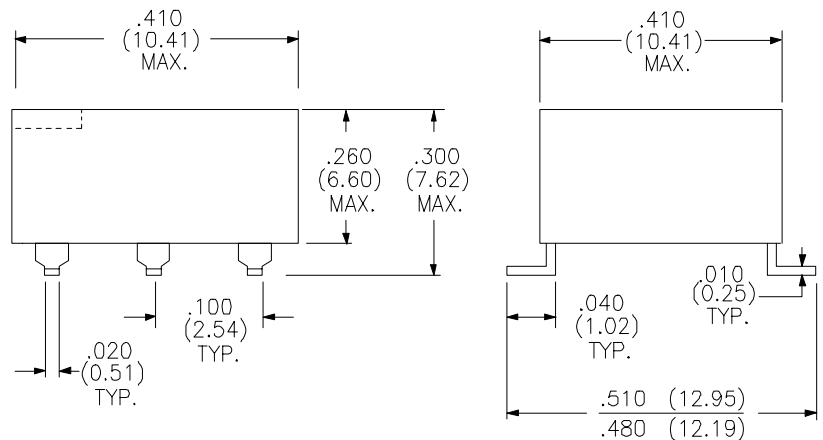
**Temperature Characteristics:**  
 -40° C 700 μH min. (40% drop in inductance)  
 +85° C 1.4 mH min. (15% growth in inductance)  
 Typical part:  
 1.7 mH @ +25° C  
 2.0 mH @ +85° C  
 1.0 mH @ -40° C

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

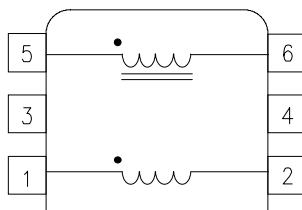
*Tape & Reel Available*

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



**Primary Pins 5-6**

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

RHOMBUS P/N: T-10303

CUST P/N:

NAME:

DATE: 4/15/95

SHEET: 1 OF 1