

# T1/CEPT PULSE TRANSFORMER

UL 1459 Recognized 

Turns Ratio ( $\pm 5\%$ )

1:1.26CT

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

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	0.06		mHy
Leakage Inductance		0.75	$\mu$ Hy
Interwinding Capacitance ( $C_{w/w}$ )		23	pF
Primary DC Resistance		0.6	ohms
Secondary DC Resistance		0.6	ohms
Isolation (HI-POT)	1.5 Kv		$V_{RMS}$
<b>TEST CONDITIONS:</b> Oscillation Voltage = 20mV Oscillation Frequency = 100.0 KHz Inductance measured on Primary winding. Pins 2 - 6.			

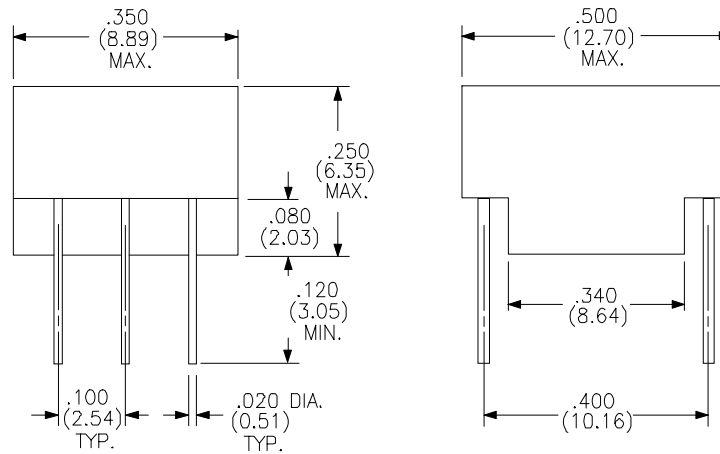
**Temperature Characteristics:**  
-40° C 54  $\mu$ H min. (10% drop in inductance)  
+85° C 69  $\mu$ H min. (15% growth in inductance)

Typical part:  
72  $\mu$ H @ +25° C  
83  $\mu$ H @ +85° C  
65  $\mu$ H @ -40° C

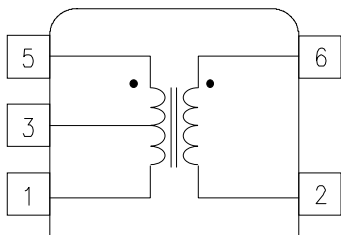
Parts shipped in anti-static tubes. 50 pieces per tube

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



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

RHOMBUS P/N: T-10206

CUST P/N:

NAME:

DATE: 1/24/94

SHEET: 1 OF 1