

T1/CEPT PULSE TRANSFORMER

UL 1459 Recognized 

Turns Ratio (± 5%)

1CT:1CT

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	1.2		mH
Leakage Inductance		0.8	μH
Interwinding Capacitance ($C_{w/w}$)		25	pF
Primary DC Resistance		0.8	ohms
Secondary DC Resistance		0.8	ohms
Isolation (HI-POT)	1.5 Kv		V _{RMS}
TEST CONDITIONS: Oscillation Voltage = 20mV Oscillation Frequency = 100.0 KHz Inductance measured on either winding.			

Temperature Characteristics:

-40° C 700 μH min.
(40% drop in inductance)

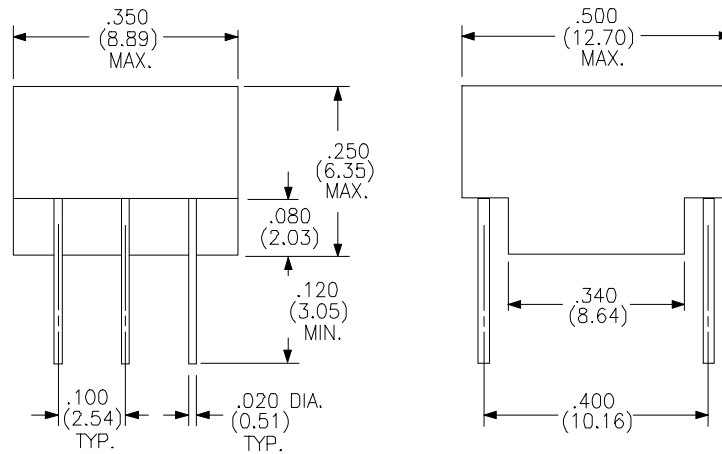
+85° C 1.4 mH min.
(15% growth in inductance)

Typical part: 1.7 mH @ +25° C
2.0 mH @ +85° C
1.0 mH @ -40° C

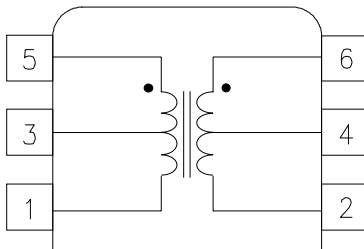
Parts shipped in anti-static tubes. 50 pieces per tube

PHYSICAL DIMENSIONS

All dimensions in inches (mm)



SCHEMATIC DIAGRAM



RHOMBUS INDUSTRIES INC.
FSCM NO. 16714

RHOMBUS P/N: T-10225

CUST P/N:

NAME:

DATE: 1/24/94

SHEET: 1 OF 1