

T1/CEPT PULSE TRANSFORMER

UL 1459 Recognized 

Turns Ratio ($\pm 5\%$)	1:0.5:0.5
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PARAMETER	MIN.	MAX.	UNITS
¹ Open Circuit Inductance	1.5		mHy
¹ Primary Leakage Inductance		0.3	μ Hy
¹ Secondary Leakage Inductance		0.4	μ Hy
¹ Interwinding Capacitance ($C_{w/w}$)		18	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		0.5	ohms
Isolation (HI-POT)	1.5 Kv		V _{RMS}
E.T.	16		V- μ S

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

+85° C 1.7 mH min. (15% growth in inductance)

Typical part:

2.0 mH @ +25° C

2.3 mH @ +85° C

1.2 mH @ -40° C

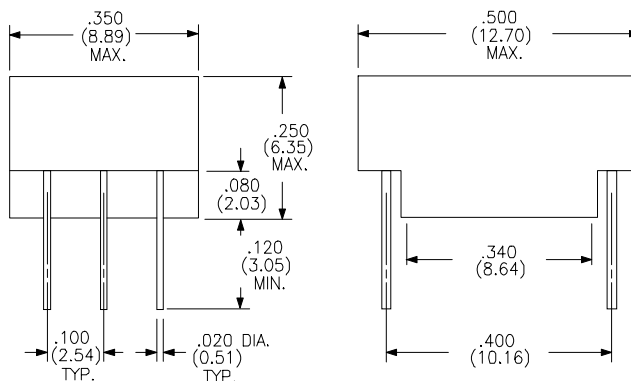
Parts shipped in anti-static tubes. 50 pieces per tube

*Primary Pins 5-6. A center tap can be formed by shorting pins 1+4 creating a 1:1CT Transformer.

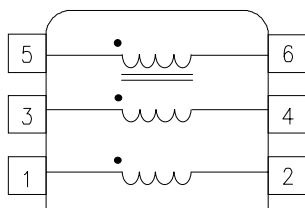
PHYSICAL DIMENSIONS

All dimensions in inches (mm):

¹ Tested at 772 kHz & 100 mV



SCHEMATIC DIAGRAM:



RHOMBUS INDUSTRIES INC.
FSCM NO. 16714

RHOMBUS P/N: T-10221

CUST P/N:

NAME:

DATE: **11/04/97**

SHEET: 1 OF 1



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