

T1/CEPT PULSE TRANSFORMER

UL 1459 Recognized 

Turns Ratio (± 5%)	*1:1 (75Ω) /1:1.26 (120Ω)
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PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	1.5		mHy
Leakage Inductance		0.40	μHy
Interwinding Capacitance (C _{ww})		35	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		0.9	ohms
Isolation (HI-POT)	1.5		KV _{RMS}
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 2 - 6.

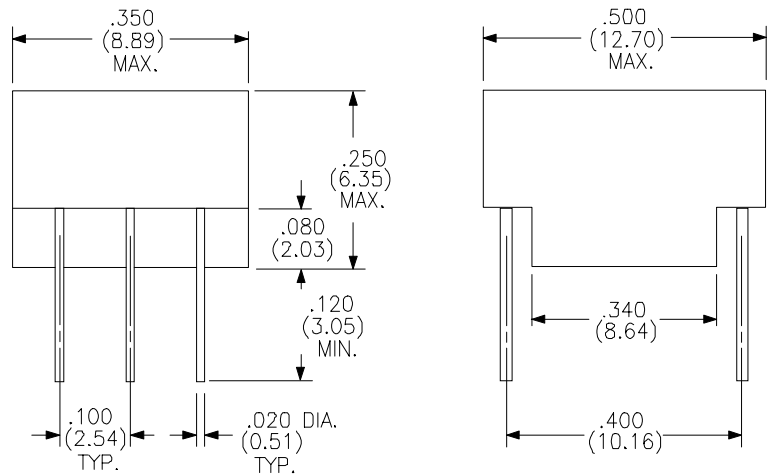
*Secondary = Pins 3 - 5 for 75Ω
 Secondary = Pins 1 - 5 for 120Ω

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

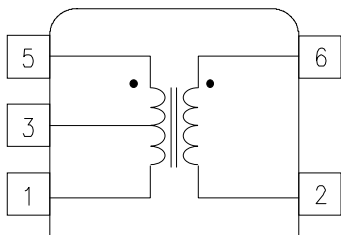
Temperature Characteristics:
 -40° C 900 μH min. (40% drop in inductance)
 +85° C 1.7 mH min. (15% growth in inductance)
Typical part:
 2.1 mH @ +25° C
 2.4 mH @ +85° C
 1.3 mH @ -40° C

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-10220

CUST P/N:

NAME:

DATE: 10/12/96

SHEET: 1 OF 1