

T1 / E1 Pulse Transformer

(For Use with Mitel Semiconductor's MT 9076)

Turns Ratio ($\pm 5\%$)

1:2.4

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		0.80	μ Hy
Interwinding Capacitance (C_{ww}) Oscillation Frequency = 100.0 KHz		35	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		1.15	ohms
Isolation (HI-POT)	1.5 Kv		V _{RMS}

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 μ H min. (40% drop in inductance)

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

Typical part:

1.7 mH @ +25° C

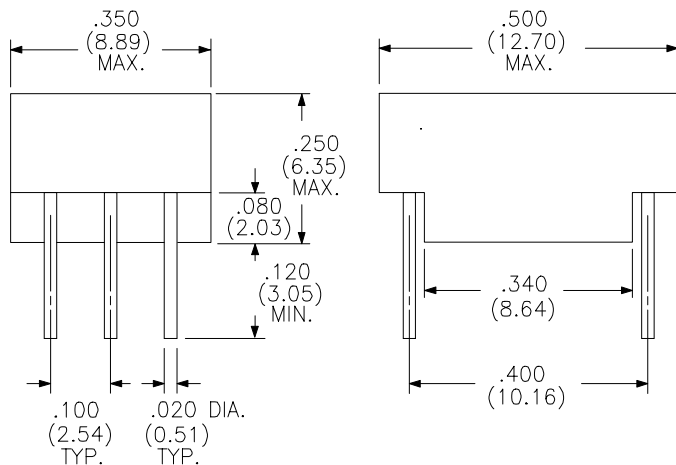
2.0 mH @ +85° C

1.0 mH @ -40° C

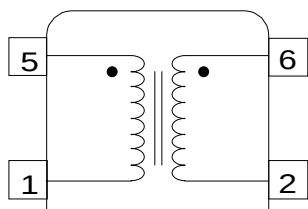
Parts shipped in anti-static tubes. 50 pieces per tube

PHYSICAL DIMENSIONS

All dimensions in inches (mm):



SCHEMATIC DIAGRAM



Primary Pins 1-5

RHOMBUS INDUSTRIES INC.

FSCM NO. 16714

RHOMBUS P/N: T-10257

CUST P/N:

NAME:

DATE: 3/13/00

SHEET: 1 OF 1