

# T1/E1/CEPT PULSE TRANSFORMER

Turns Ratio ( $\pm 5\%$ )

1:1:1.266<sup>1</sup>

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance Oscillation Voltage = 20mV Oscillation Frequency = 100.0 KHz	1.5		mHy
Leakage Inductance Oscillation Level = 20mV Oscillation Frequency = 100.0 KHz		0.40	$\mu$ Hy
Interwinding Capacitance ( $C_{W/W}$ ) Oscillation Frequency = 100.0 KHz		45	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		0.9	ohms
Isolation (HI-POT)	1500		V <sub>RMS</sub>

Designed to meet CCITT & FCC Requirements.

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

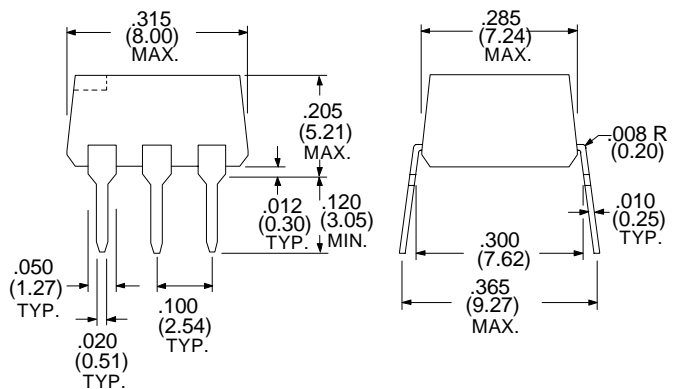
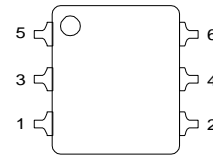
Surface mount version of this part is available. Add suffix "G". (T-14729G)

Parts shipped in anti-static tubes. 55 pieces per tube

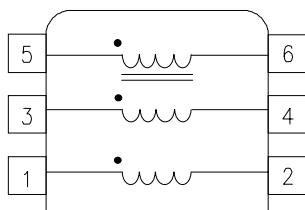
<sup>1</sup>Pins 1-2: 3:4 : 5-6

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



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

RHOMBUS P/N: T-14729

CUST P/N:

NAME:

DATE: 6/20/01

SHEET: 1 OF 1