

T1/CEPT/ISDN PRI INTERFACE TRANSFORMER

Reinforced Insulation Per EN 41003/EN 60950

Turns Ratio ($\pm 5\%$)

1:1.26*

Parameter	Min.	Max.	Units
Open Circuit Inductance Oscillation Voltage = 100mV Oscillation Frequency = 100.0 KHz	1.5		mH
Leakage Inductance Oscillation Level = 100mV Oscillation Frequency = 1 MHz		0.9	μ H
Interwinding Capacitance ($C_{w/w}$) Oscillation Frequency = 1 MHz		35	pF
Primary DC Resistance		0.7	ohms
Secondary DC Resistance		1.1	ohms
Isolation (HI-POT)	3000		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 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. 31 pieces per tube

Surface mount version of this part available. Part# T-13633G

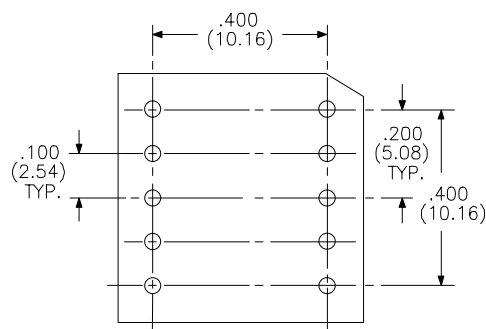
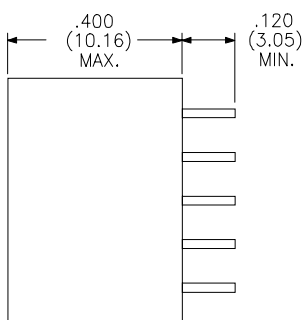
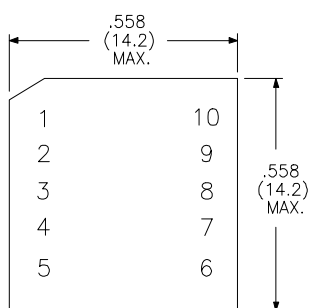
Primary Pins 10-6

*Turns Ratio: Pins 10-6 : 3-5 = 1 : 1

10-6: 1-5 = 1 : 1.26

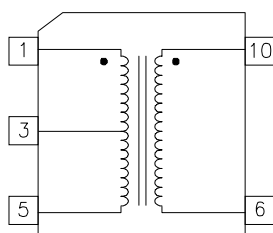
Physical Dimensions in inches (mm)

Note: Unused Pins Omitted



Leads are #22 AWG Solderable

Schematic Diagram



RHOMBUS P/N: **T-13633**

CUST P/N:

NAME:

DATE: **08/30/99**

SHEET: 1 OF 1