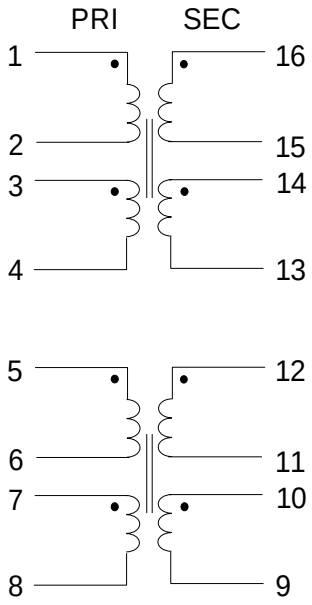
ISDN S-Interface Dual Transformer
Reinforced Insulation Per EN 41003/EN 60950

Turns Ratio Pins 1-4:16-13 & 5-8:12-9	1:2 & 1:1

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance 1-4 (1) 5-8 (2)	22		mHy
Leakage Inductance 1-4 (1) Short 16-13 (3) 5-8 (2) Short 12-9 (4)		15 5	µHy µHy
Interwinding Capacitance ($C_{W/W}$) 1-4 (1) & 16-13 (3) 5-8 (2) & 12-9 (4)		100 100	pF pF
Distributed Parallel Capacitance 1-4 (1) 5-8 (2)		80 40	pF pF
Primary DC Resistance: 1-4 (1) ; 5-8 (2)	2.04	2.76	ohms
Secondary DC Resistance: 16-13 (3)	3.40	4.60	ohms
Secondary DC Resistance: 12-9 (4)	2.04	2.76	ohms
Isolation (HI-POT)	4000		V_{RMS}

SCHEMATIC DIAGRAM



MEETS THE PULSE WAVEFORM TEMPLATE OF CCITT I.430.

Primary is Line Side

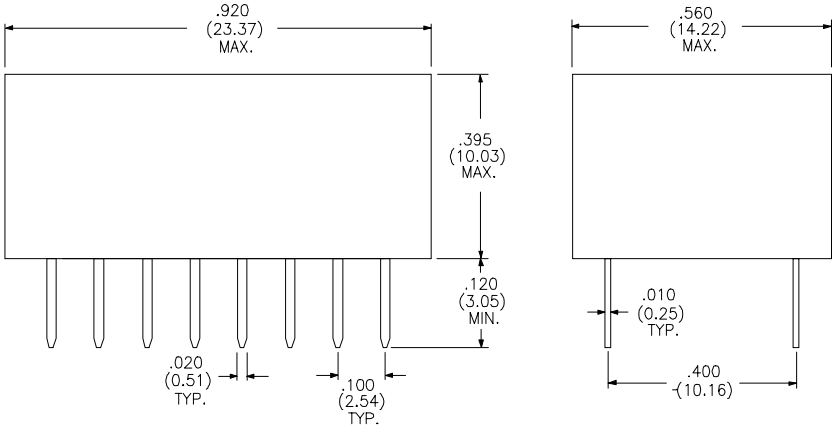
Unbalanced current at TE: Δ Idc = 1 mA max.

Longitudinal Conversion Loss - 10KHz to 300 KHz: 60dB min.

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

Parts shipped in anti-static tubes. 18 pieces per tube

Physical Dimensions in inches (mm)



Oscillation Voltage = 700mV
Oscillation Frequency = 10.0 KHz
1. Connect Pins 2 & 3
2. Connect Pins 6 & 7
3. Connect Pins 14 & 15
4. Connect Pins 10 & 11

RHOMBUS P/N: **T-10550**	
CUST P/N:	NAME:
DATE: **3/24/94**	SHEET: 1 OF 1

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