

ISDN S-Interface Dual Transformer

Reinforced Insulation Per EN 41003/EN 60950

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

1:1.8 & 1:2.5

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 30	μ Hy μ Hy
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⁾		140 150	pF pF
Primary DC Resistance: 1-4 ⁽¹⁾ ; 5-8 ⁽²⁾	2.12	2.87	ohms
Secondary DC Resistance: 16-13 ⁽³⁾	3.57	4.83	ohms
Secondary DC Resistance: 12-9 ⁽⁴⁾	4.93	6.67	ohms
Isolation (HI-POT)	4000		V _{RMS}

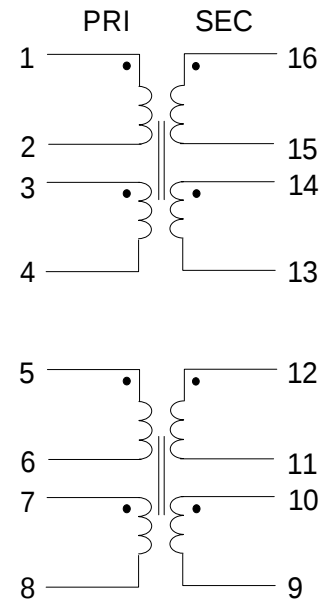
MEETS THE PULSE WAVEFORM
TEMPLATE OF CCITT I.430.

Primary is Line Side

Unbalanced current at TE: $\Delta I_{dc} = 1$ mA max.

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

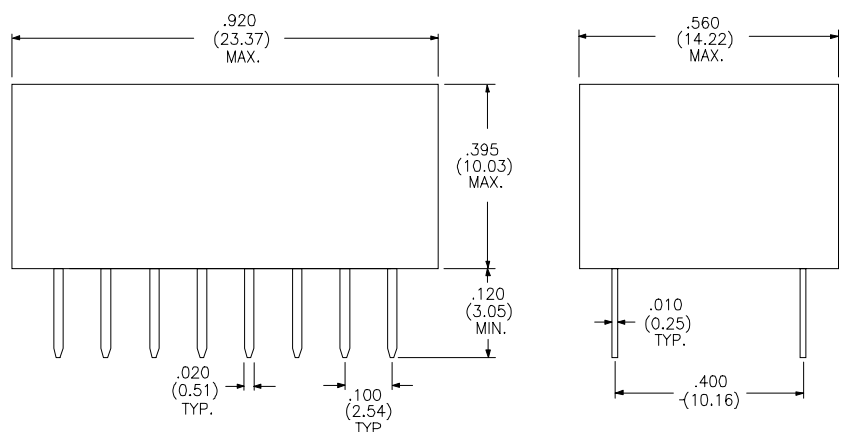
SCHEMATIC DIAGRAM



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-10552**

CUST P/N:

NAME:

DATE: **3/24/94**

SHEET: 1 OF 1