

ISDN S Interface Transformer

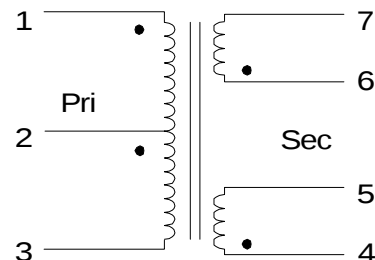
REINFORCED INSULATION PER EN 41003/EN 60950

Turns Ratio ($\pm 2\%$) 1CT : 2.5CT*

PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	22		mHy
Leakage Inductance		30	μ Hy
Interwinding Capacitance ($C_{w/w}$)		100	pF
Distributed Capacitance (C_d)		150	pF
Primary DC Resistance	2.13	2.88	ohms
Secondary DC Resistance	4.93	6.67	ohms
Isolation (HI-POT)	4.0K		V _{RMS}
TEST CONDITIONS: Oscillation Voltage = 700mV Oscillation Frequency = 10.0 KHz Inductance measured on Primary winding. Pins 1 - 3.			

*Short Pins 5 + 6

SCHEMATIC DIAGRAM



MEETS THE PULSE WAVEFORM
TEMPLATE OF CCITT I.430.

Primary is Line Side

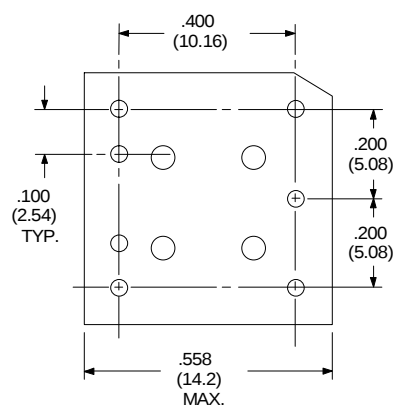
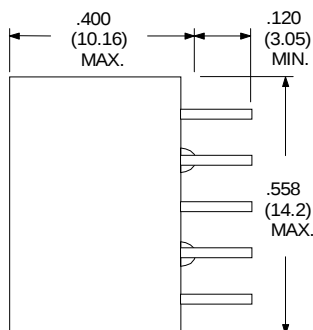
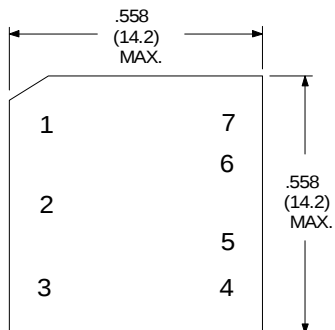
Unbalanced current at TE: $\Delta I_{dc} = 1$ mA max.

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

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

Unused Pins Omitted

PHYSICAL DIMENSIONS inches (mm)



RHOMBUS P/N: T-10453

CUST P/N:

NAME:

DATE: 12/09/98

SHEET: 1 OF 1