

# ISDN S Interface Transformer

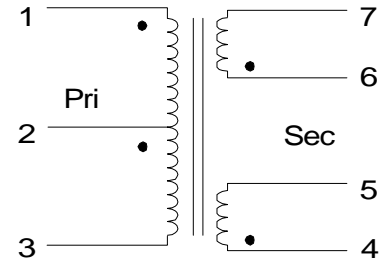
## REINFORCED INSULATION PER EN 41003/EN 60950

Turns Ratio ( ± 2% )	1CT : 2.5CT*
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PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	22		mHy
Leakage Inductance		30	μHy
Interwinding Capacitance (C <sub>VWV</sub> )		100	pF
Distributed Capacitance (C <sub>D</sub> )		150	pF
Primary DC Resistance	2.13	2.88	ohms
Secondary DC Resistance	4.93	6.67	ohms
Isolation (HI-POT)	4.0K		V <sub>RMS</sub>
<b>TEST CONDITIONS:</b>			
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

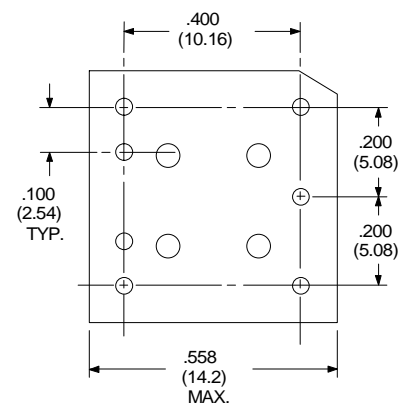
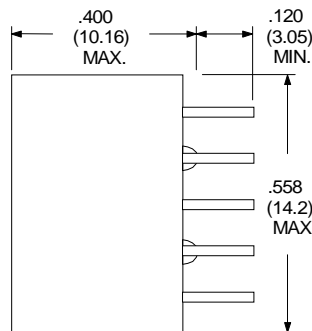
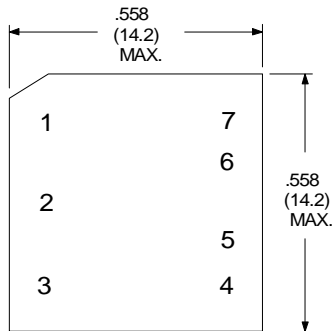
Unbalanced current at TE: Δ I<sub>dc</sub> = 1 mA max.

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)



<b>RHOMBUS P/N: T-10453</b>	
CUST P/N:	NAME:
DATE: <b>12/09/98</b>	SHEET: 1 OF 1