

T-982 HDSL TRANSFORMER

PARAMETER		UNITS
Turns Ratio	2 : 1 ±1%	
Line Impedance	135	Ω
Inductance (Line Side)	3.0 ±6%	mH
Longitudinal Balance 40 kHz to 200 kHz	53 min.	dB
Primary DC Resistance	2.5 Max.	Ω
Secondary DC Resistance	1.0 Max.	Ω
Frequency Response 40kHz - 300kHz	±0.2	dB
Insertion Loss @ 200kHz	0.4	dB
Isolation (HI-POT)	2000	V _{RMS}
Primary DC	160	mA
Return Loss @ 40kHz	20 min.	dB
THD (40 KHz, 14 dBm)	-70 Min.	dB

Designed for HDSL applications

Compatible with Brooktree BT8921 & BT8970 at 784 kbps

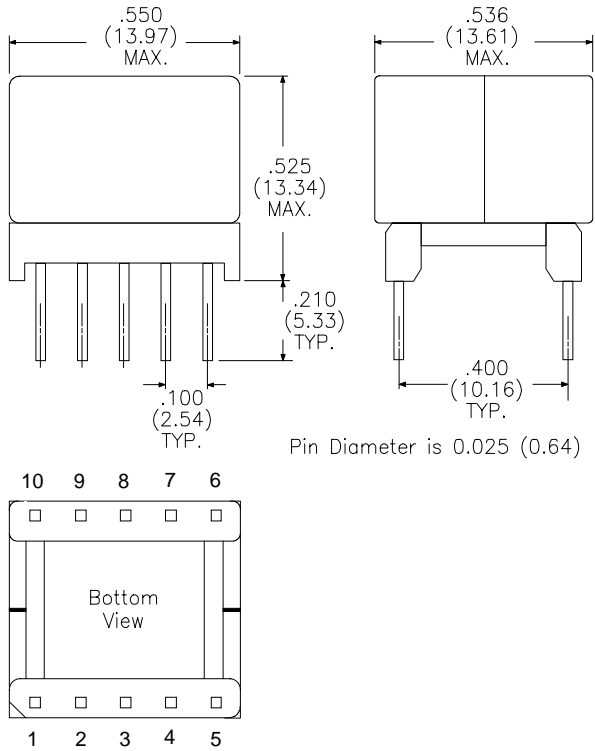
Custom versions of this transformer are available.

A Surface Mount version of this transformer is available

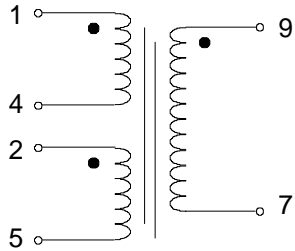
Coils finished with UL rated varnish.

Designed to meet the supplementary insulation requirements of UL1950 for a working voltage of 250V

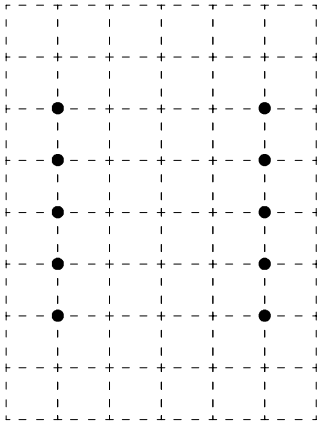
Physical Dimensions in inches (mm)



SCHEMATIC



PIN POSITION GRID 0.100 (2.54)
● HOLES FOR BOBBIN PINS



6/02/00