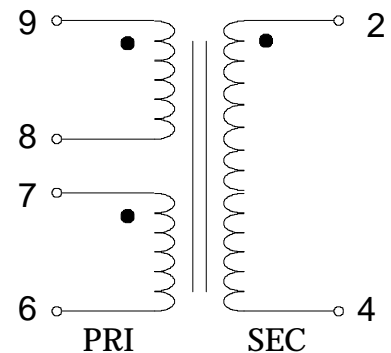


PARAMETER		UNITS
Turns Ratio (PRI : SEC)	2 : 1± 1%	
Inductance	3.0 ± 6%	mH
Primary DCR (9-6) shorted 8,7	2.56 ±10%	Ω
Secondary DCR (2-4)	0.85 ±10%	Ω
Isolation (Hi-Pot)	1500	V <sub>RMS</sub>
Return Loss:	40 kHz - 200 kHz	20 min. dB
Longitudinal Balance	40 kHz - 200 kHz	53 min. dB
Frequency Response	40 kHz - 200 kHz	0.1± dB
Insertion Loss at 200 kHz	0.40 max.	dB
Total Harmonic Distortion	-70 max.	dB

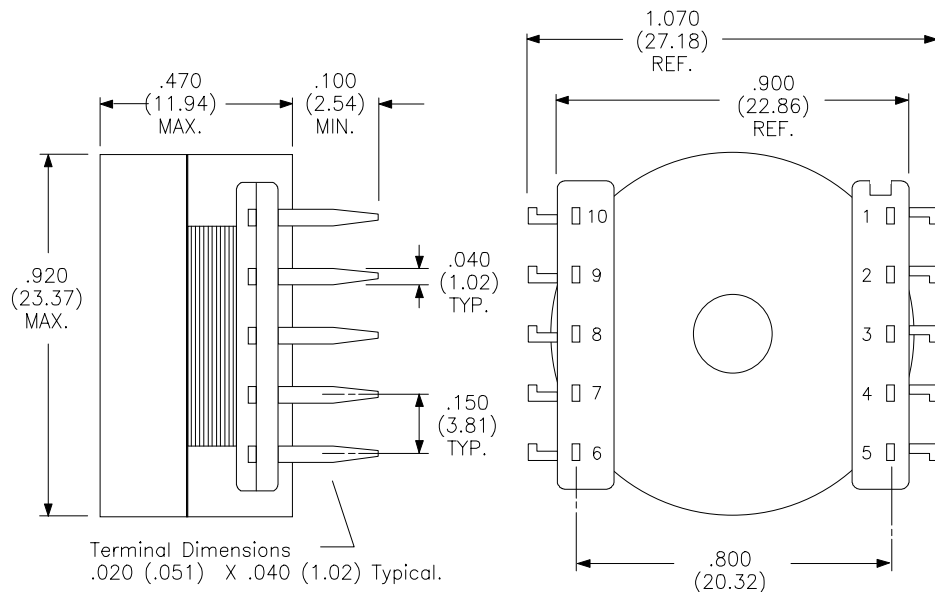
**Operating Temperature: -40°C to +85°C.**

# HDSL Application Pulse Transformer P/N T-1000 Compatible with Brooktree BT 8921 784 kbps

Schematic Diagram



Physical Dimensions in inches (mm)



Termination Numbers for Reference Only.

**Notch on bobbin indicates pin #1**

01/23/98