

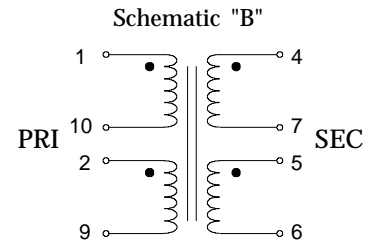
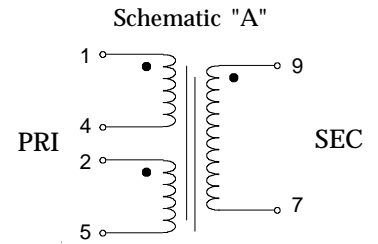
# HDSL Line Interface Transformers

Thru-hole & Surface Mount Versions

Manufacturer Name	I.C. Part #	Bit Rate	Transformer Part #
Brooktree	BT8921	784	T-982
Brooktree	BT8921	1168	T-976
Brooktree	BT8960	160	T-984
Brooktree	BT8960	288	T-940
Brooktree	BT8960	416	T-983
Brooktree	BT8970	784	T-982
Brooktree	BT8970	1168	T-976

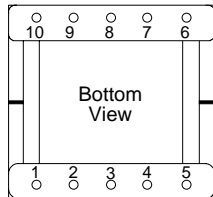
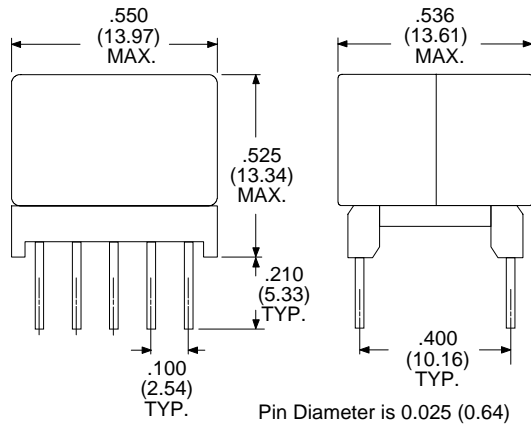
## Electrical Specifications at 25°C

P/N	T-911	T-940	T-976	T-982	T-983	T-984	Units
Turns Ratio	1:1	2:1	2:1	2:1	2:1	2:1	
Inductance	3	5	2	3	3.5	8	mH
DC Resistance Pri	3.8	3.5	2.5	2.5	2.5	4.0	Ω
DC Resistance Sec	3.8	2.2	1.0	1.0	1.0	2.3	Ω
Frequency Response	0.1	0.07	0.1	0.7	0.1	0.1	dB
Insertion Loss	0.5	0.43	0.5	0.4	0.5	0.5	dB
D.C. Current	100	100	160	160	60	60	mA
Longitudinal Balance	50	53	50	53	53	53	dB
Return Loss	17	17	16.5	20	17	16	dB
Harmonic Distortion	-70	-70	-70	-70	-70	-70	dB
Isolation	1000	1500	1500	1500	1500	1500	V <sub>RMS</sub>
Schematic Style	B	A	A	A	A	A	

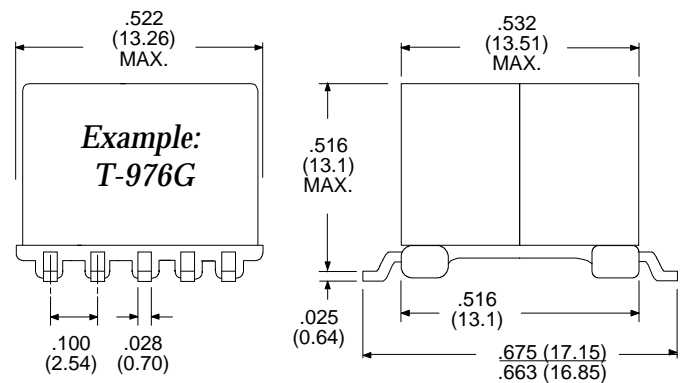


**Request Individual Data Sheets for test conditions & additional information**

### Standard Thru-hole EP-13 Package



Surface Mount Versions of all Parts listed are available. Add suffix "G" to specify surface mount package style.



Physical Dimensions inches (mm)

For Complete Details including PDF Catalogs & Data Sheets on this and other product families visit

[www.rhombus-ind.com](http://www.rhombus-ind.com)

