HDSL Transformer

EPB5051

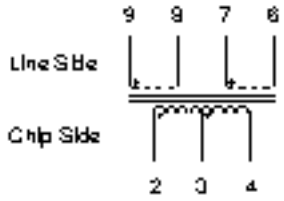


- Optimizied For Brooktree's BT8921/BT8970 •
- 1168 Kbps Application(2 pair) •
- 1500 Vrms Minimum Isolation •
- 70 mA DC Current •
- Operating Temperature -40°C to +85°C •

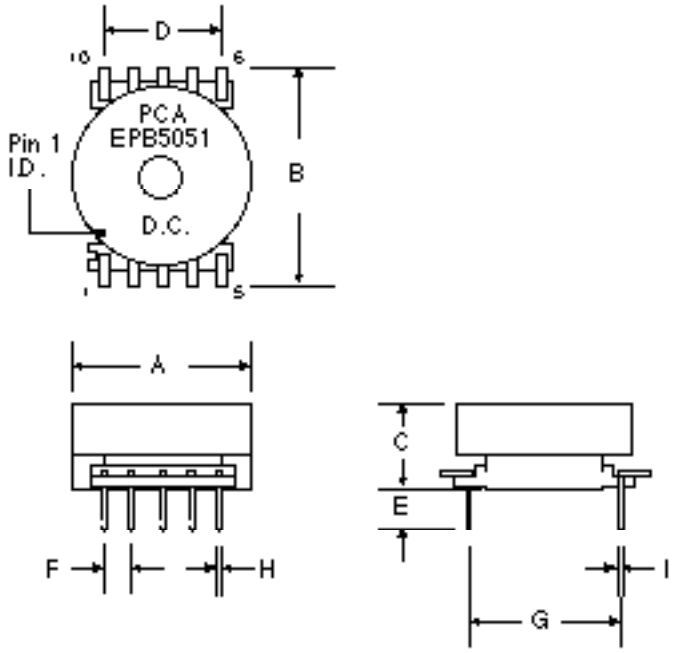
Electrical Parameters @ 25°C

Inductance Line Side (mH ± 8%)	Return Loss (dB Min.)		Leakage Inductance (µH Max.)	Turns Ratio Chip : Line (±2%)	Longitudinal Balance (dB Typ.)	THD (dB Typ.)	DCR (Ω Max.)
	40-320 KHz	4 K-2 MHz			@ 292 KHz,135Ω	@ 200 KHz,6VP-P	Pins 2-4,6-7,9-9
2	-16.5	-4	9	1CT:1:1	-95	-75	2.2

Schematic



Package



Dimensions

Dim.	(Inches) Min.	Max.	Nom.	(Millimeters) Min.	Max.	Nom.
A	--	.950	.920	--	24.13	23.37
B	--	1.05	1.01	--	26.67	25.66
C	--	.500	.449	--	12.70	11.39
D	.595	.605	.600	15.11	15.37	15.24
E	.195	--	.195	4.70	--	4.95
F	.145	.195	.190	3.69	3.94	3.81
G	.795	.805	.800	20.20	20.46	20.32
H	--	--	.042	--	--	1.07
I	--	--	.015	--	--	.381

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Product performance is limited to specified parameters. Data is subject to change without prior notice.

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