

EPB5025

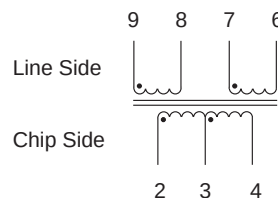


- Optimized for Brooktree's BT8921/BT8970 •
- 784 Kbps Application(2 pair) •
- 1500 Vrms Minimum Isolation •
- 70 mA DC Current •
- Operating Temperature -40°C to +85°C •

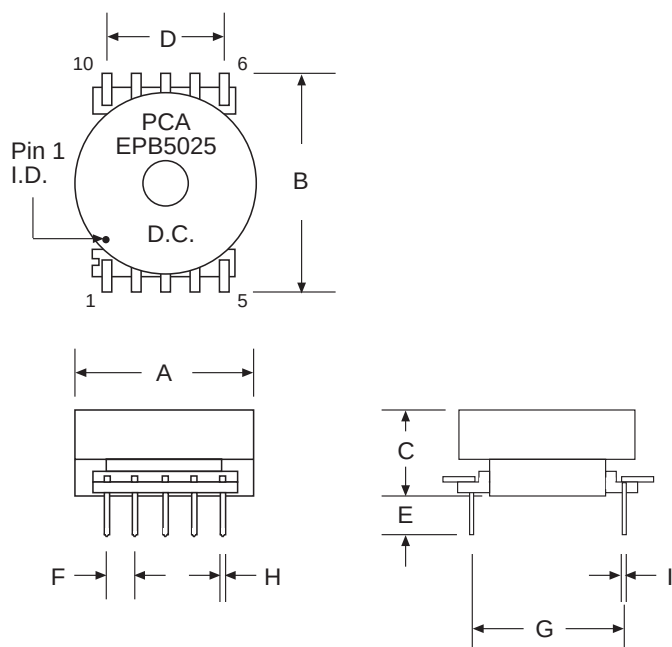
Electrical Parameters @ 25°C

Inductance Line Side (mH $\pm$ 6%)	Return Loss (dB Min.)		Leakage Inductance (μ H Max.)	Turns Ratio Chip : Line ($\pm$ 2%)	Longitudinal Balance (dB Typ.)	THD (dB Typ.)	DCR (Ω Max.)
Pins 9-6 w/8-6 shorted	40-200 KHz	4 K-2 MHz			@ 196 KHz,135 Ω	@ 200 KHz,6VP-P	Pins 2-4,6-7,8-9
3	-20dB	-4dB	8	1CT:1:1	-55	-75	2.2

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	---	.950	.920	---	24.13	23.37
B	---	1.05	1.01	---	26.67	25.66
C	---	.500	.448	---	12.70	11.38
D	.595	.605	.600	15.11	15.37	15.24
E	.185	---	.195	4.70	---	4.95
F	.145	.155	.150	3.68	3.94	3.81
G	.795	.805	.800	20.20	20.46	20.32
H	---	---	.042	---	---	1.07
I	---	---	.015	---	---	.381