

ADSL Transformer

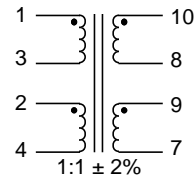
EPB5027G

- For use with Analog Devices AD20msp910/AD20msp918 •
- 1500 Vrms Minimum Isolation •
- SMD Package •

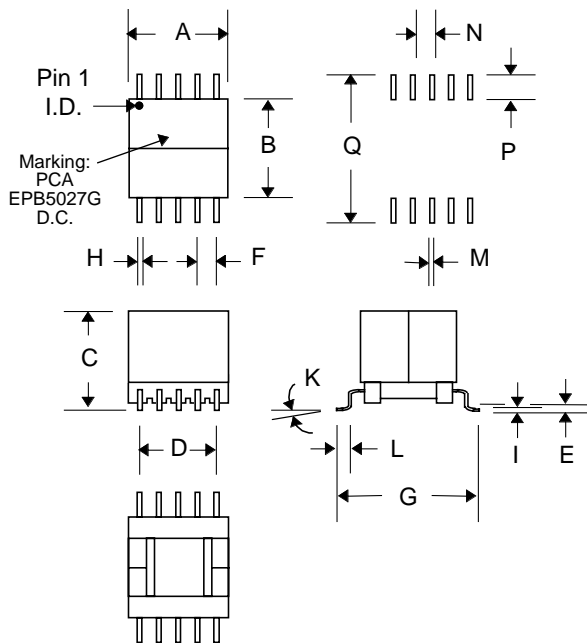
Electrical Parameters @ 25° C

Inductance (mH ± 10%)	Leakage Inductance (µH Max.)	Insertion Loss (dB Max.)	Longitudinal Balance (dB Min.)	THD (dB Typ.)		DCR (Ω Max.)
				30 KHz	300 KHz	
@ 10 KHz 0.1 Vrms		100 KHz	25 KHz~ 1.1 MHz			
5.0	18	-.50	-40	-80	-60	3.0
Pins 1-4 w/2-3 shorted Pins 10-7 w/8-9 shorted	Pins 1-4 w/2-3, & 10, 9, 8, 7 shorted					Pins 1-4 Pins 10-7

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.490	.530	.512	12.45	13.46	13.00
B	.506	.516	.510	12.85	13.11	12.95
C	.460	.480	.470	11.68	12.19	11.94
D	.395	.405	.400	10.03	10.29	10.16
E	.005	.015	.010	.127	.381	.254
F	.095	.105	.100	2.41	2.67	2.54
G	.665	.675	.670	16.89	17.15	17.02
H	.026	.030	.028	.660	.762	.711
I	.010	.014	.012	.254	.356	.305
K	0°	8°	---	0°	8°	---
L	.029	.049	.039	.737	1.25	.991
M	---	---	.051	---	---	1.29
N	---	---	.098	---	---	.249
P	---	---	.100	---	---	2.54
Q	---	---	.700	---	---	17.78