PCA ELECTRONICS INC.

Coupled Inductor

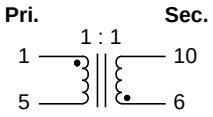
EPB5116

- Designed for ADSL POTS Low Pass Filters
- Inductance is stable within ± 10% with DC Current from 0 mA to 100 mA
- Isolation : 1500Vrms

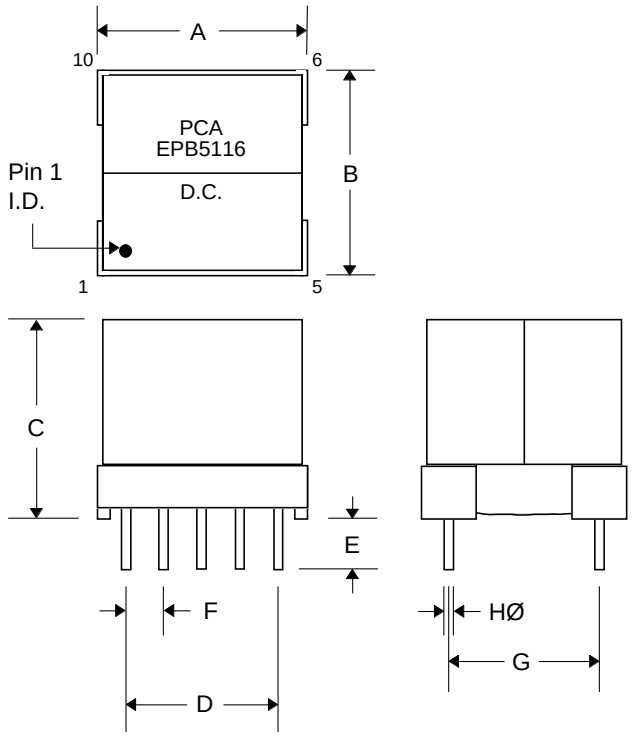
Electrical Parameters @ 25° C

Inductance (mH ± 5%)	Resonant Frequency (KHz Min.)	Interwinding Capacitance (pF Max.)	DCR (Ω Max.)
@ 1 KHz, 0.1 Vrms		@ 100 KHz, 0.1 Vrms	---
3	220	5	2.5
Pins 1-5	Pins 1-5	Pins 1-5 to Pins 6-10	Pins 1-5 & Pins 6-10

Schematic



Package



Dimensions

Dim.	(Inches) Min.	Max.	Nom.	(Millimeters) Min.	Max.	Nom.
A	---	.550	.520	---	13.97	13.20
B	---	.550	.520	---	13.97	13.20
C	---	.500	.490	---	12.70	12.44
D	---	---	.400	---	---	10.16
E	.120	---	.150	3.05	---	3.81
F	---	---	.100	---	---	2.54
G	---	---	.400	---	---	10.16
H	---	---	.020	---	---	.508

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

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