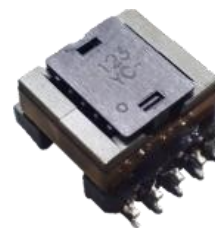


## VLC1511B

New Products

RoHS

AEC-Q200



### ■ Features

- Can be used for various power supplies
- Optimal transformer design according to required specifications is possible
- Compatible with multiple outputs
- Heat resistance  $\sim +150^{\circ}\text{C}$  Withstand voltage  $\sim \text{AC } 2600\text{Vrms}$
- Leakage Flux is reduced by adopting a 4split bobbin.

### ■ Magnetic structure



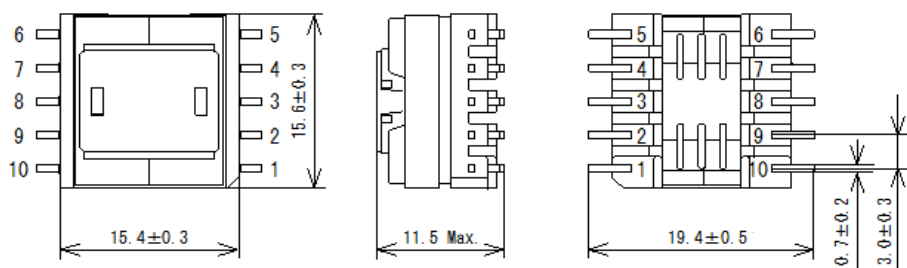
Operating Temperature Range :  $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$  (include self-heating)

Weight : 3.8 g

### ■ Application

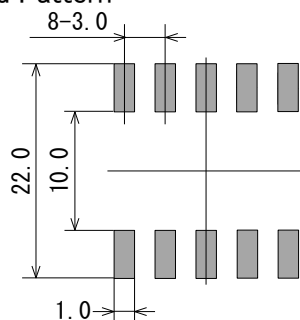
- In-vehicle  
Power supply for Power Control Unit for HEV / EV  
Battery management system

### ■ Dimensions



(Unit : mm)

### ■ Recommended Land Pattern



SAGAMI ELEC CO., LTD.  
<https://www.sagami-elec.co.jp>

10-30, Ichibashimo-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0024, Japan  
Over Seas Sales Dept. TEL : +81 45 511 3141. E-mail : ossg@sagami-elec.co.jp  
Engineering Dept. TEL : +81 45 521 4543

■ Selection Guide

Type	Appearance	Maxim output power (reference) (W)	Withstand voltage (Primary -Secondary) (Vrms/1min)
VLC1511B	EPC15 SMD	5.0	2600

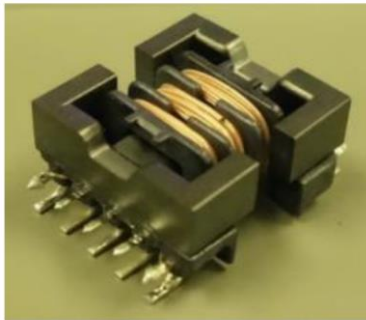
Type	Input voltage range (V)	Output voltage range (V)	Operating frequency (kHz)	Number of outputs (reference)
VLC1511B	0.7~35	130 max.	500 max.	2

The above mentioned maximum out

■ Advantege

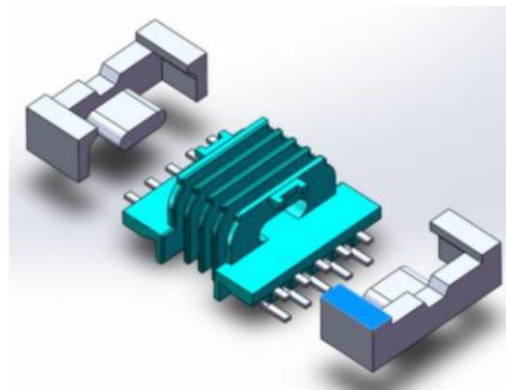
Leakage Flux is reduced by adopting a 4split bobbin.

3Split  
Bobbin\_10uH

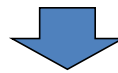


Leakage Flux : 100 nH

VLC1511B (4Split)\_10uH



It is possible to wind the entire winding width more than 3Split.



Leakage Flux : 75 nH

**25% Down!!**



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