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NEC TOKIN America Inc.
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Inductors – PLC & SSB Series

Consumers Are Realizing The Rising Energy Costs Of Electronics...

FACT:

Household appliances are major energy users. Refrigerators must be plugged in 100% of the time and Clothes Dryers and Air Conditioners are especially heavy power users. In Europe, the EU energy label is obligatory for all major household appliances, running, from A (highly efficient, with improvements now leading to an A++ rating) to G (least efficient).

Lower your Power Requirement by using our Inductors in your DC/DC Converter circuit

Our advanced material and design provides a Lower Core Loss that improves power efficiency.

FEATURED PRODUCTS:

- PLC Series: Magnetic Shielded type, DC/DC converters
- SSB Series: Non-Shielded, Standard SMT type



Inductor Specs

PLC Series - Inductance Range at 100 kHz, 1mA(H): 2.0 to 33 μ H

NEC TOKIN Series	Dimensions Length & Width	Height Range	DC Resistance Range (m Ω) typ.
PLC-07	7.5 mm x 8.0 mm	3.5 mm to 6.0 mm	14 to 220
PLC-10	10.2 mm x 10.7 mm		13 to 238
PLC-12	12.5 mm x 13 mm	3.5 mm to 5.5 mm	12 to 170

SSB Series - Inductance Range at 10 kHz, 1mA(H): 1.0 to 1000 μ H

NEC TOKIN Series	Dimensions Length & Width	Height Range	DC Resistance Range (m Ω) typ.
SSB-15	14 mm x 11.6 mm	8.5 mm	10 to 3000
SSB-14		7 mm	10 to 4400
SSB-84	10 mm x 8.3 mm	6 mm	40 to 5600
SSB-64	8.0 mm x 6.3 mm	6.0 mm	40 to 8400
SSB-44	6.5 mm x 4.8 mm	5.5 mm	70 to 8300
SSB-0505	5.6 mm x 5.3 mm	5.3 mm	0.06 to 1.60

NEC/TOKIN America complies with Japan's Export Trade Control Order and with company internal restrictions. Therefore, we will decline inquiries for applications in the following areas:

- Critical system operation of medical, automotive, marine and aerial devices.
- Military devices, weapons development and non-peaceful operations.