Conformally Coated SBC Coils

Overview

Ferrite power inductors are useful in various fields and suitable for DC/DC converters and noise filters.

Applications

copying machines, flat TVs, smart meters and power

Bene f ts

Ordering Information

SBC	1–	101–	571
		First two digits represent significant figures. Third digit specifies number	First two digits represent significant figures. Third digit specifies number

Dimensions – Millimeters

SBC1 Series

Model	Lead Diameter

SBC2 Series

Model	Lead Diameter

SBC3 Series

Model	Lead Diameter

Dimensions – Millimeters cont'd

SBC4 Series

Model	Lead Diameter

SBC6 Series

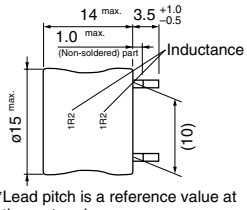
Model	Lead Diameter

Dimensions – Millimeters cont'd

SBC7 Series

Model	Lead Diameter

[Soft leads]



*Lead pitch is a reference value at the root end.
*Integrated soft/hard lead structure.

SBC8 Series

Model	Lead Diameter

SBC9 Series

Model	Lead Diameter

Table 1 – Ratings & Part Number Reference

Part Number	Inductance L (µH) at 10 kHz, 1 mA	DC Resistance (Ω) Maximum	Rated Current (A) ΔT = 20˚C	Current (Reference Value) (A)		Terminal	
				ΔT = 40˚C	L Change Rate -10%	Soft Lead	Pin Lead

Table 1 – Ratings & Part Number Reference cont'd

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				ΔT = 40˚C	L Change Rate -10%	Soft Lead	Pin Lead
		DC Resistance (Ω)	ΔT = 20˚C	Current (Reference Value) (A)			
				ΔT = 40˚C			

Packaging

Series	Lead Type	Packaging Type	Pieces per Box