

Choke coils CD-C-D008B series



Features

- General-purpose
- Superb mountability by base structure
- Tape arrangement possible for automated mounting

Applications

- DC-DC converters
- Power supplies

Typical DC overlapping characteristics

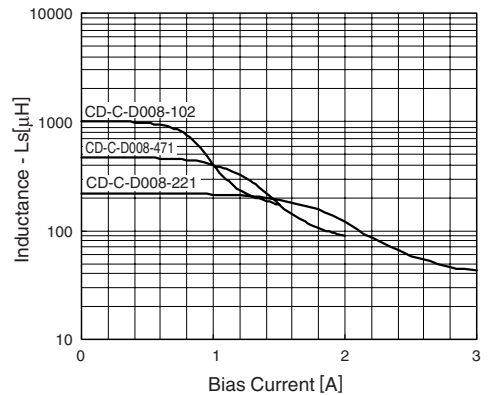
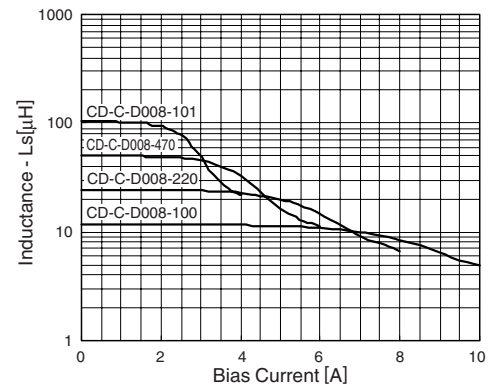
Specifications

Withstand voltage	DC500V, 1 min.(core-coil)
Insulation resistance	100MΩ min. (DC500V)
Operating temperature	-25°C ~ +85°C (including self-temperature rise)

Standard models

Model No.	Rated current*1 [A]	Inductance [μH] (1KHz, 20°C)	Inductance error	DC resistance [Ω]
CD-C-D008B-100	4.0	10	±20%	0.026
CD-C-D008B-220	2.9	22	±20%	0.040
CD-C-D008B-470	2.3	47	±10%	0.084
CD-C-D008B-101	1.3	100	±10%	0.22
CD-C-D008B-221	0.97	220	±10%	0.38
CD-C-D008B-471	0.60	470	±10%	0.90
CD-C-D008B-102	0.46	1000	±10%	1.8

Rated current*1: The current at which the inductance is 20% below its initial value (Ta = 20°C) or the current at which Δt = 40°C whichever is lower, with regard to DC overlapping characteristics.



Shapes and dimensions

