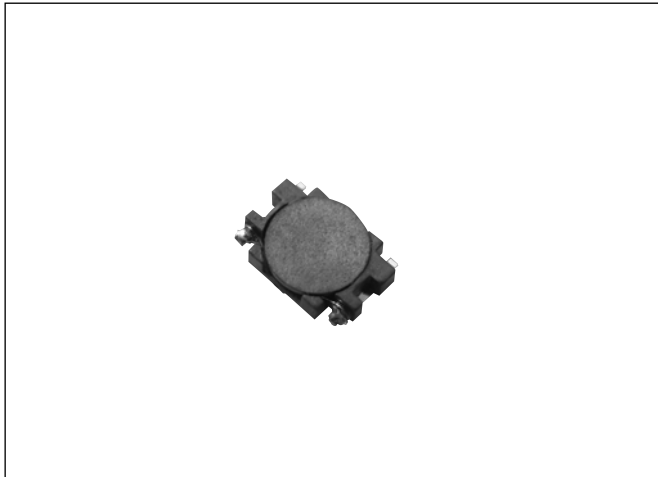


Power inductors (SMT) CD-C-0304A series



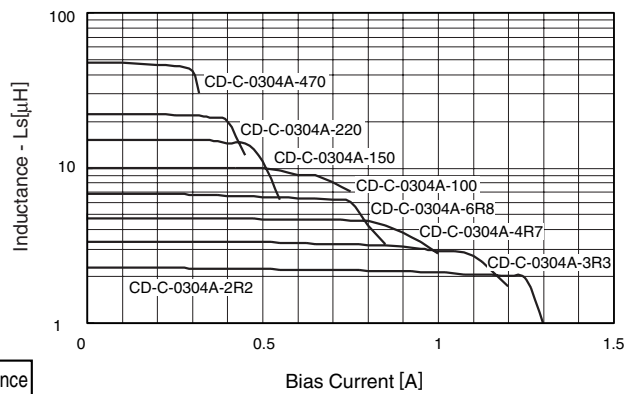
Features

- A remarkable 0.9mm thickness by applying a new-shaped core and terminals
- Reflow soldering
- SMT compatibility

Applications

- DC-DC converters
- Power supplies

Typical DC overlapping characteristics



Specifications

Withstand voltage	DC100V, 1 min.(core-coil)
Insulation resistance	100MΩ min. (DC100V)
Operating temperature	-25°C ~ +100°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-0304A-2R2	0.8	2.2	±20%	0.32
CD-C-0304A-3R3	0.69	3.3	±20%	0.38
CD-C-0304A-4R7	0.5	4.7	±20%	0.62
CD-C-0304A-6R8	0.39	6.8	±20%	0.82
CD-C-0304A-100	0.3	10	±20%	1.22
CD-C-0304A-150	0.25	15	±20%	1.89
CD-C-0304A-220	0.21	22	±20%	2.55
CD-C-0304A-470	0.16	47	±20%	5.6

Rated current*1: The current at which the inductance stands 20% below its initial value (Ta = 25°C) or a condition Δt = 40°C is reached, whichever current is lower in DC overlapping characteristics.

Shapes and dimensions

