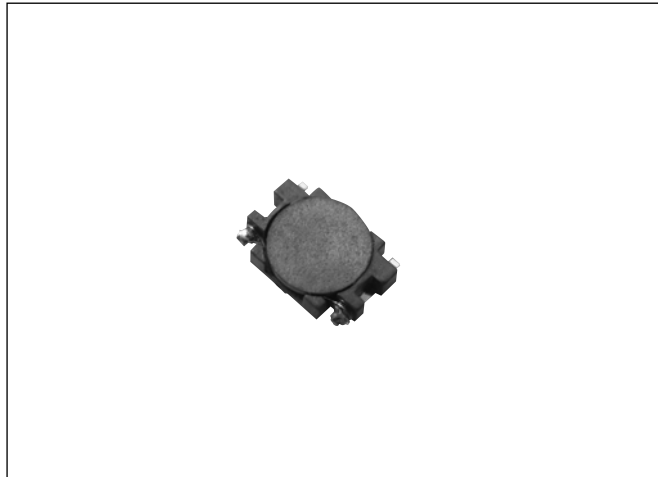


Power inductors CD-C-0304C series



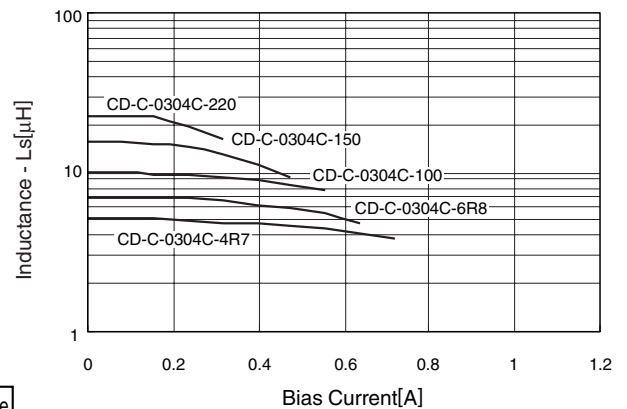
Features

- A remarkable 1.2mm 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-0304C-4R7	0.6	4.7	±20%	0.36
CD-C-0304C-6R8	0.5	6.8	±20%	0.46
CD-C-0304C-100	0.45	10	±20%	0.60
CD-C-0304C-150	0.62	15	±20%	0.87
CD-C-0304C-220	0.3	22	±20%	1.37

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

