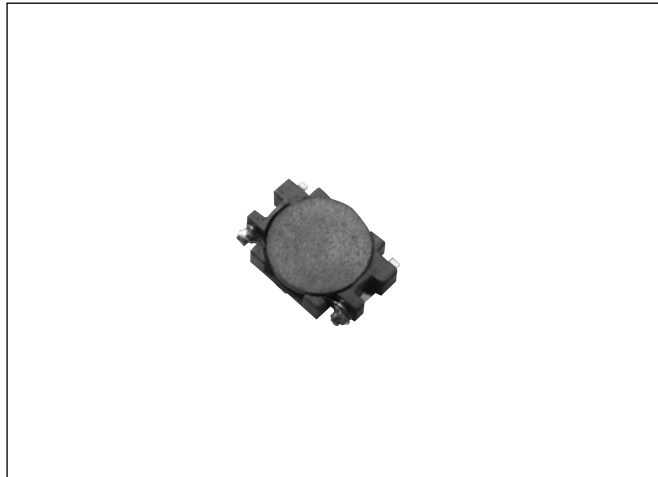


# Power inductors CD-C-0304CM series



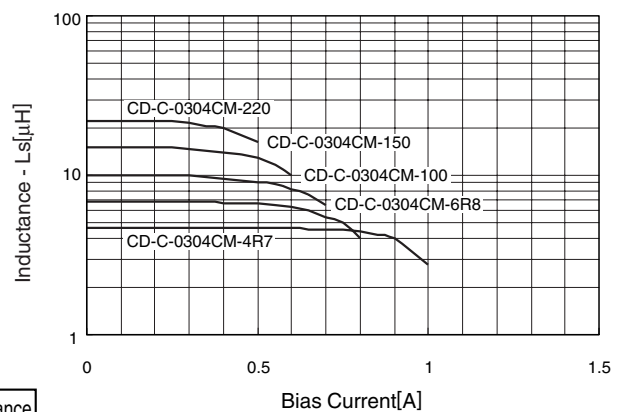
## Features

- 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-0304CM-4R7	0.54	4.7	±20%	0.41
CD-C-0304CM-6R8	0.47	6.8	±20%	0.58
CD-C-0304CM-100	0.37	10	±20%	0.75
CD-C-0304CM-150	0.27	15	±20%	1.20
CD-C-0304CM-220	0.26	22	±20%	1.58

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

