

Choke coils CD-C-D010S series



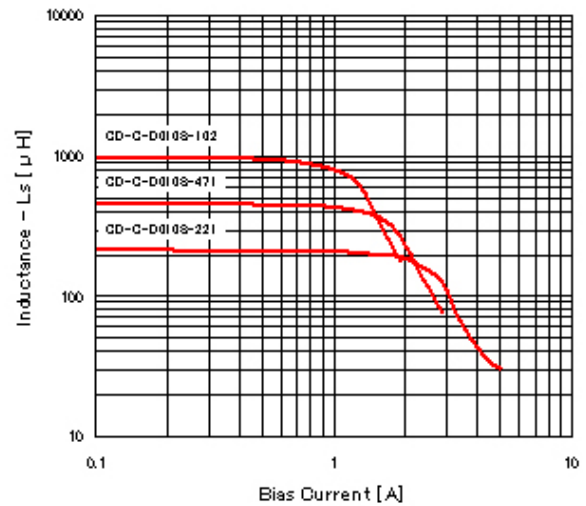
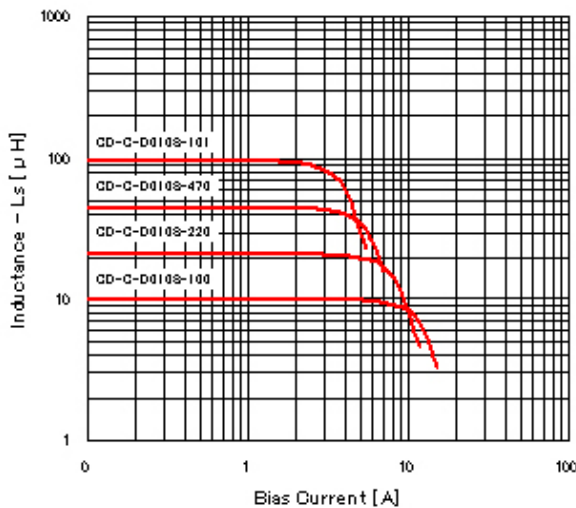
Features

General purpose
Tape packaging feasibility for automated mounting

Applications

DC-DC converters.
Power supplies.

Typical DC overlapping characteristics



Specifications

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

Standard models

Model No.	Rated current*1	Inductance[mH](1KHz,20°C)	Inductance error	DC resistance 3 [w]
CD-C-D010S-100	5.3	10	±20%	0.020
CD-C-D010S-220	4.1	22	±20%	0.028
CD-C-D010S-470	3.0	47	±10%	0.065
CD-C-D010S-101	2.0	100	±10%	0.105
CD-C-D010S-221	1.3	220	±10%	0.20
CD-C-D010S-471	1.0	470	±10%	0.46
CD-C-0506A-102	0.65	1000	±10%	0.90

Rated current *1: The current at which the inductance is 20% below its initial value(Ta=25°C)Rated

current *2: The D.C. current at which Δt=40°C

DC resistance *3: Typical data.

Shapes and dimensions

