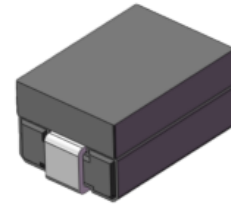


CDG9672C

New Products

RoHS

AEC-Q200



■ Features

- SMD Inductors for High Current Applications
- Low DCR, high saturation current

■ Magnetic structure



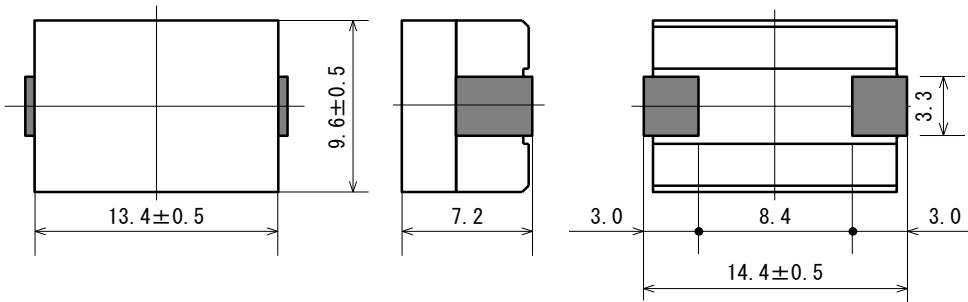
Operating Temperature Range : -40 °C~ +150 °C(include self-heating)

Weight : 4.5 g

■ Application

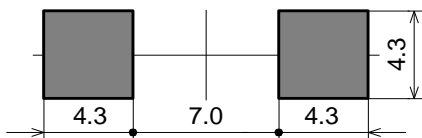
- Computer & Peripheral Device
- Motherboard, Graphic board
- Automotive
- ECU

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



SAGAMI ELEC CO., LTD.
<https://www.sagami-elec.co.jp>

10-30, Ichibashimo-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0024, Japan
 Over Seas Sales Dept. TEL : +81 45 511 3141, E-mail : ossg@sagami-elec.co.jp
 Engineering Dept. TEL : +81 45 521 4543

⚠ The contents of this catalogue are subject to change without notice.

■ Specifications

SAGAMI Part No.	Inductance (nH)	DCR Resistance (mΩ)	Rated current	
			DC saturation allowable current (A)	Teperature rise allowable current (A)
CDG9672C-R20M	200 ±20%	0.270	92.7	48.9
CDG9672C-R39M	390 ±20%	0.270	45.7	48.9
CDG9672C-R59M	590 ±20%	0.270	29.1	48.9
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

- Inductance Measuring Condition : 100kHz,1V
- Rated current : DC saturation allowable current or Temperature rise allowable current, whichever is smaller.
 1. DC saturation allowable current : value of inductance decrease 20%
 2. Temperature rise allowable current : A rise in temperature of core surface is 40°C



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DC bias characteristics vs Temperature Rise Graph

■ L(25°C)

■ ΔT

