

CDG6250C

New Products

RoHS

AEC-Q200



■ Features

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

■ Magnetic structure



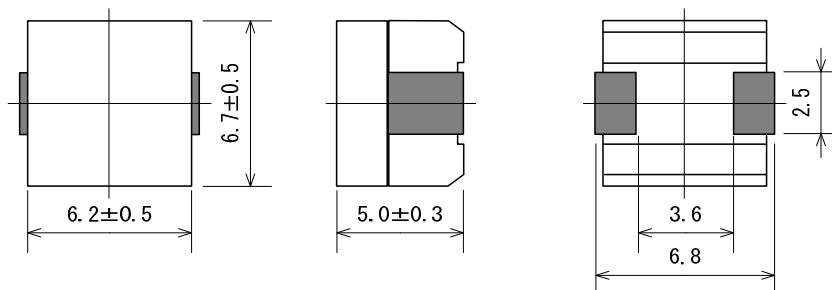
Operating Temperature Range : -40 °C ~ +150 °C(include self-heating)

Weight : 0.97 g

■ Application

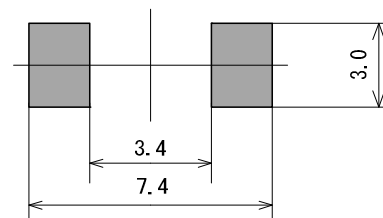
- Computer & Peripheral Device
Motherboard, Graphic board
- Automotive
ECU

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



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

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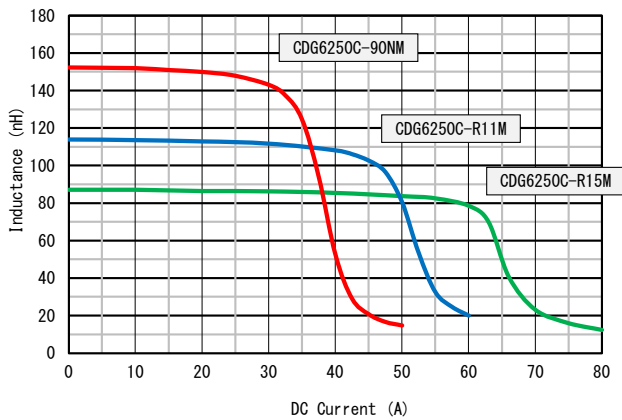
⚠ The contents of this catalogue are subject to change without notice.

■ Specifications

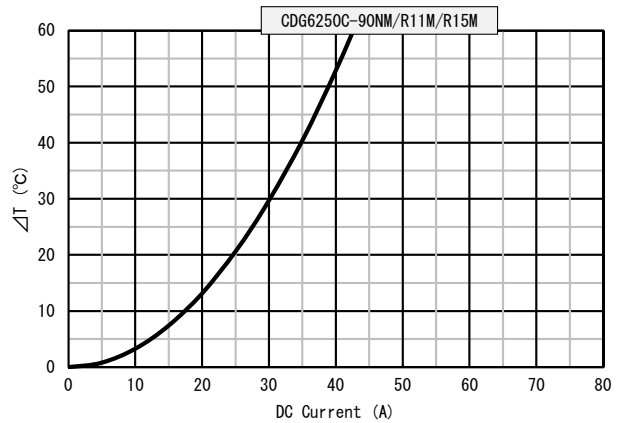
SAGAMI Part No.	Inductance (nH)	DCR Resistance (mΩ) max.	DC saturation allowable current (A)	Teperature rise allowable current (A)
CDG6250C-90NM	90 ±20%	0.38	63	35
CDG6250C-R11M	110 ±20%	0.38	50	35
CDG6250C-R15M	150 ±20%	0.38	35	35
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

- Inductance Measuring Condition : 1MHz,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.

■ Characteristics of DC Saturation Current



■ Characteristics of Temperature rise



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