

# CER6042C

New Products

RoHS

AEC-Q200



■ Features

- High reliability available for automotive application.
- SMD magnetic unshielded type of power inductor.
- Suitable for power supply choke coil.
- AEC-Q200 plan to be qualified

■ Magnetic structure



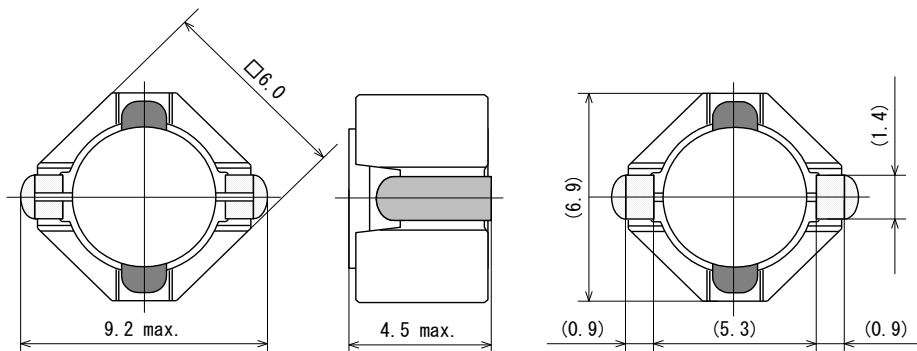
Operating Temperature Range : -40 °C~ +150 °C(include self-heating)

Weight : 0.5 g

■ Application

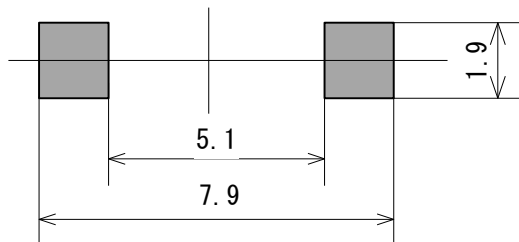
- Car Audio
- Car Navigation
- ECU
- LED Head lights
- Others
- Power Supply, FA, Medical, Energy

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



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

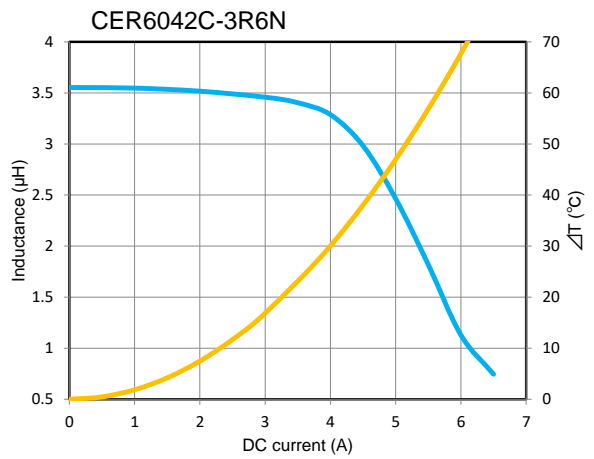
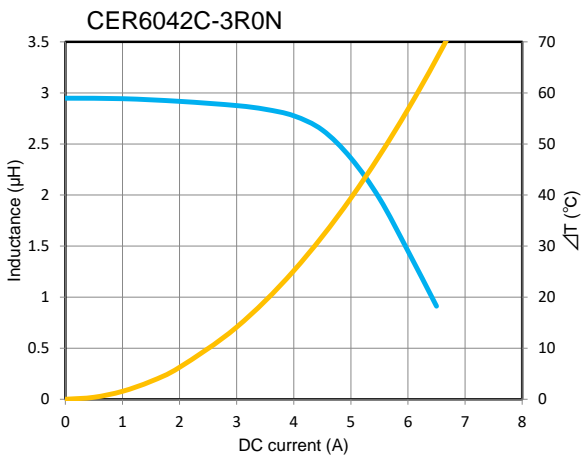
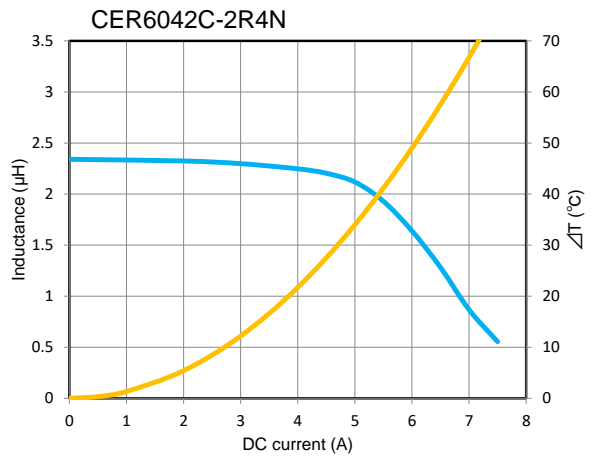
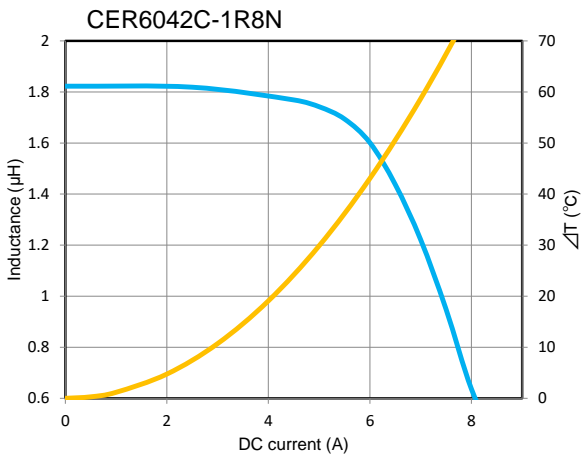
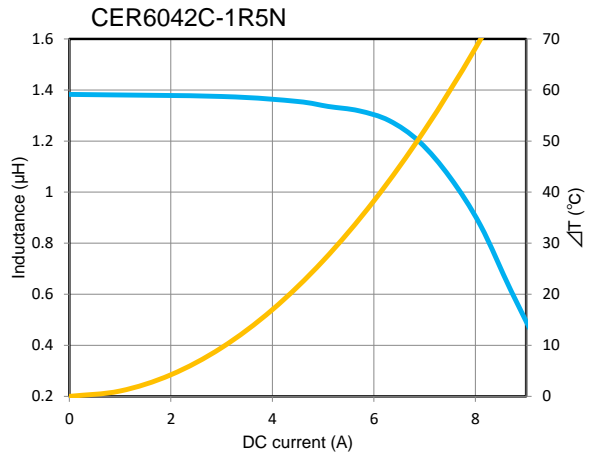
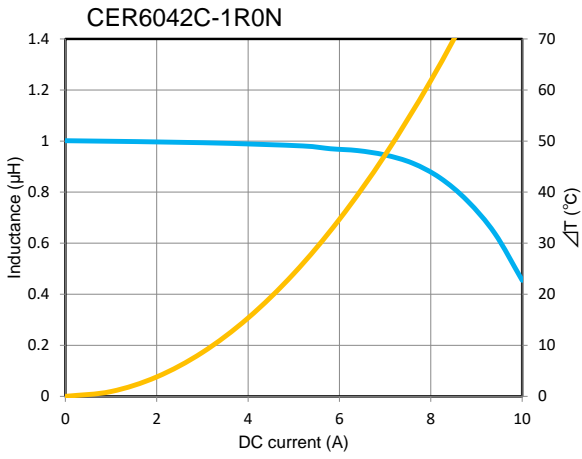
10-30, Ichibashimo-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0024, Japan  
 Over Seas Sales Dept. TEL : +81 45 511 3141, E-mail : ossg@sagami-elec.co.jp  
 Engineering Dept. TEL : +81 45 521 4543

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



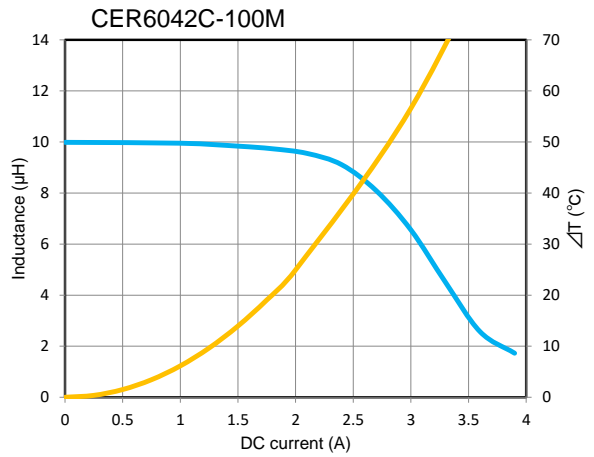
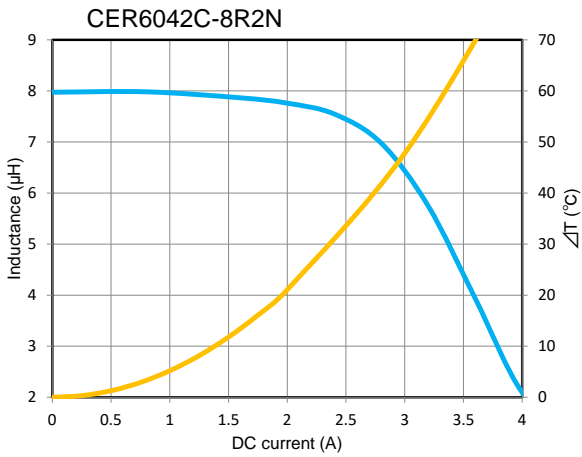
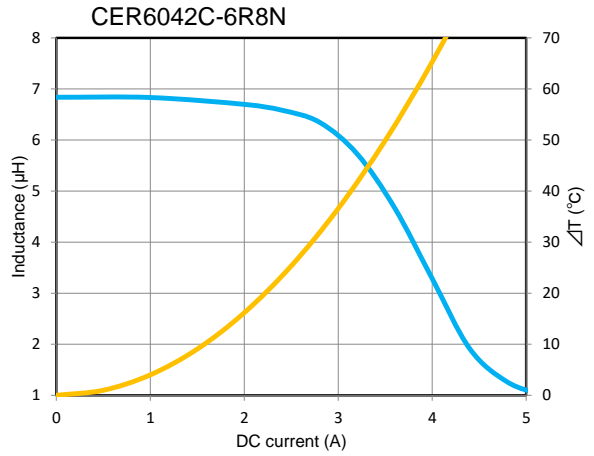
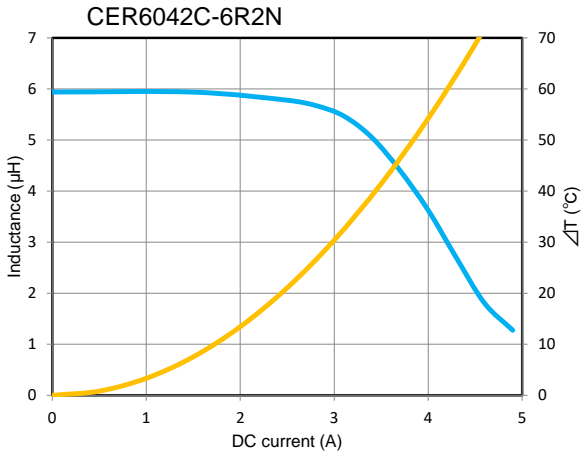
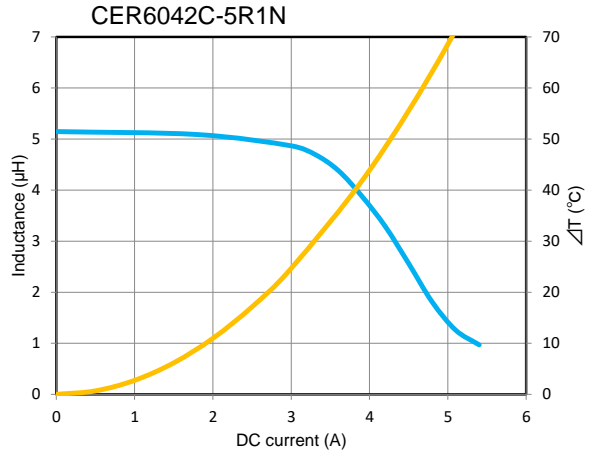
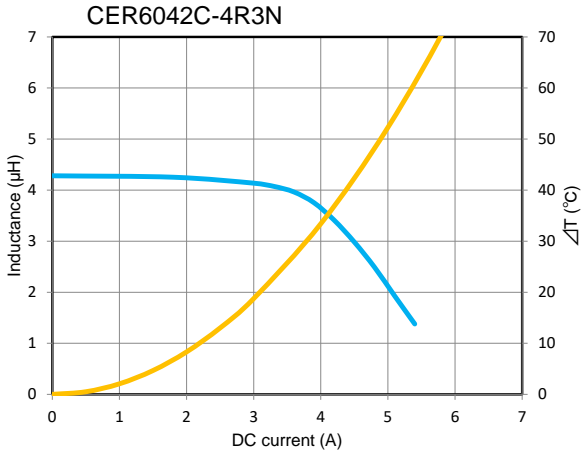
# DC bias characteristics vs Temperature Rise Graph

■ L(25°C)      ■  $\Delta T$



# DC bias characteristics vs Temperature Rise Graph

■ L(25°C)      ■  $\Delta T$



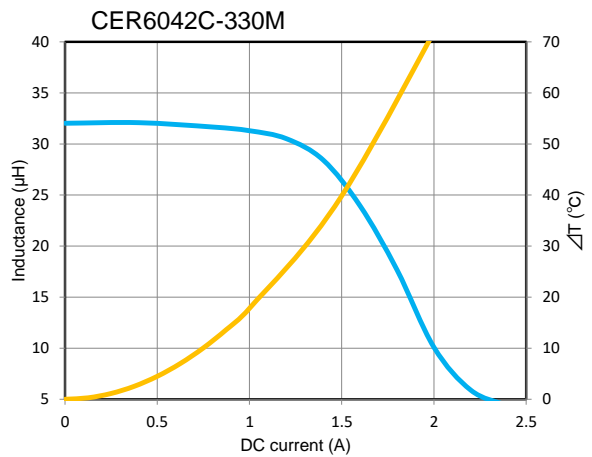
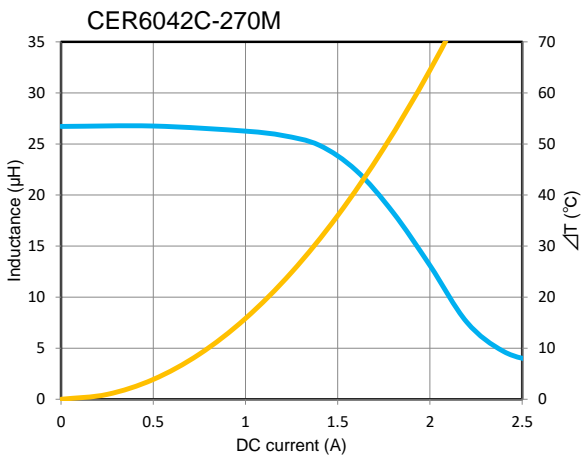
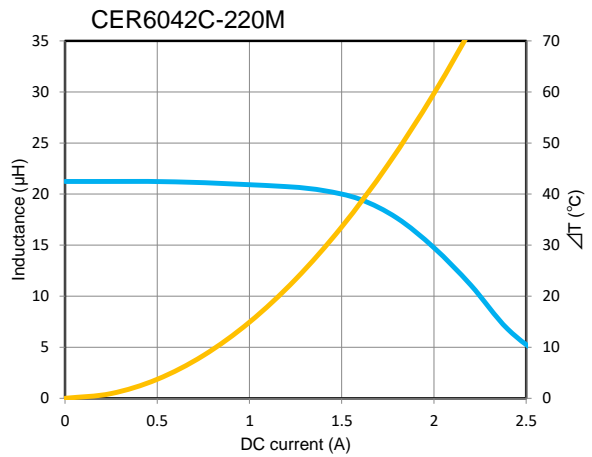
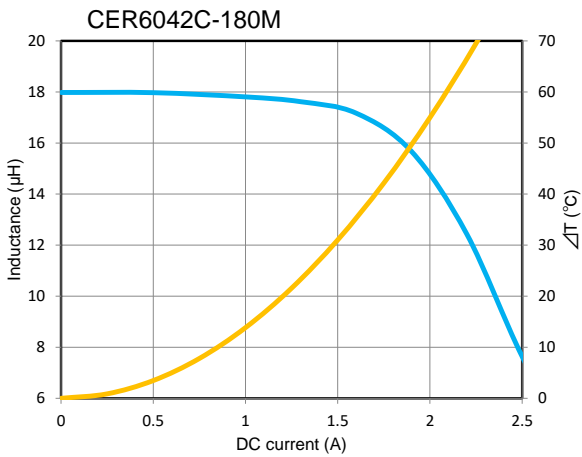
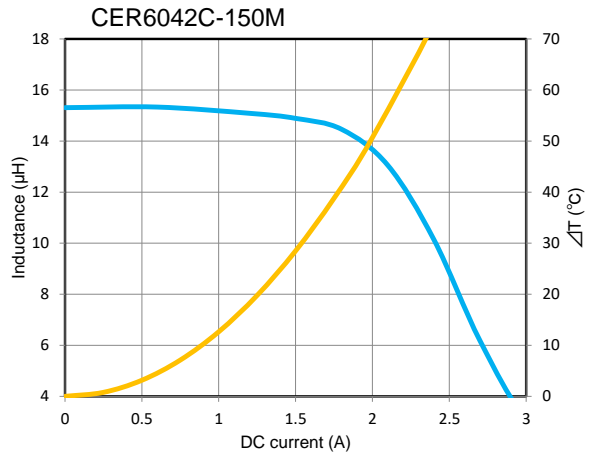
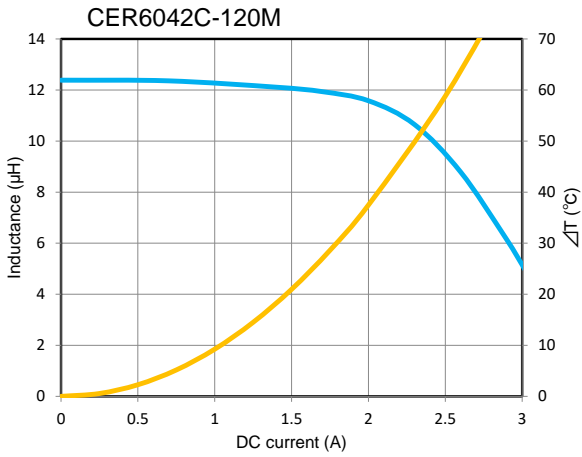
# DC bias characteristics vs Temperature Rise Graph



L(25°C)

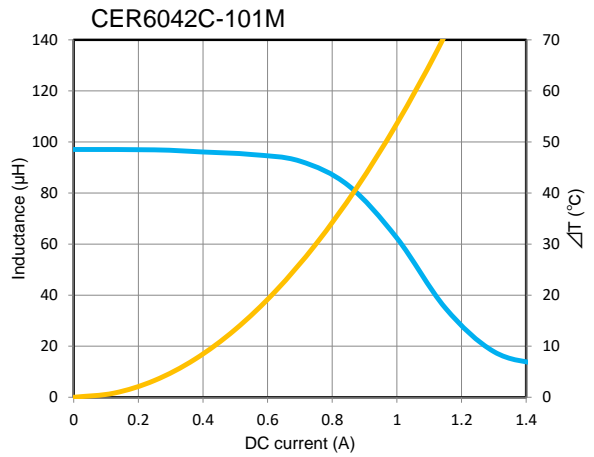
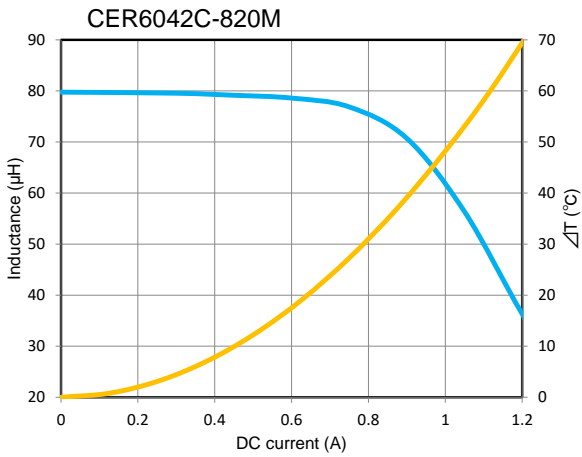
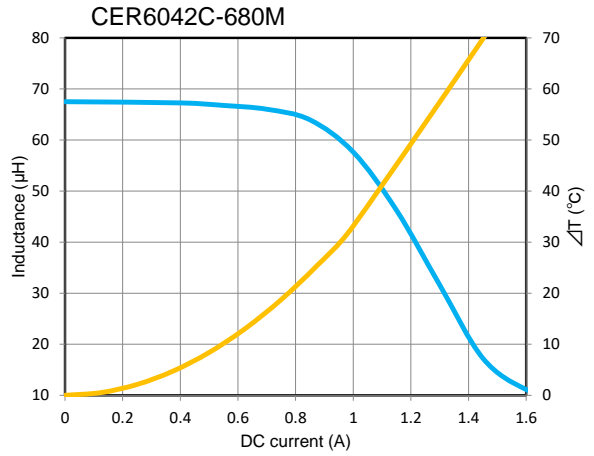
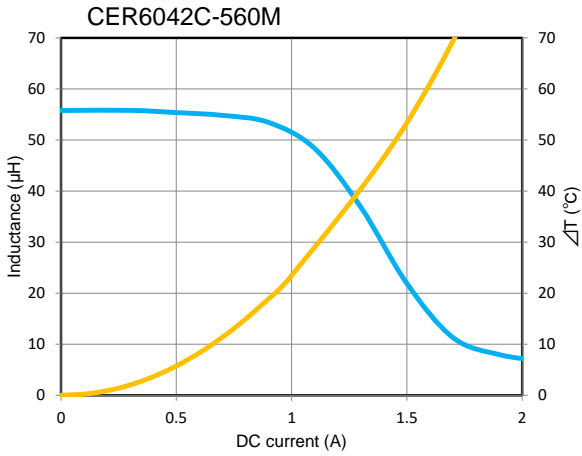
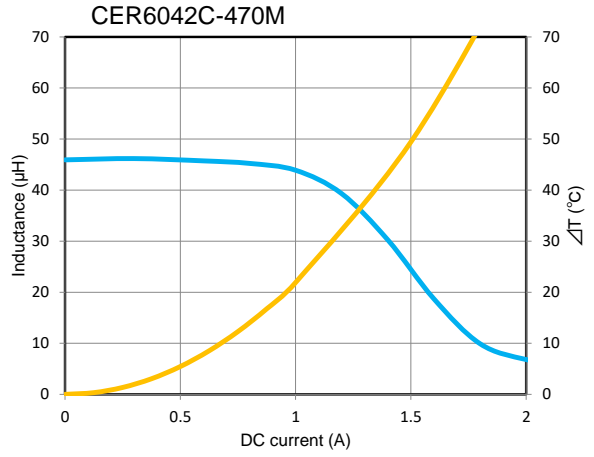
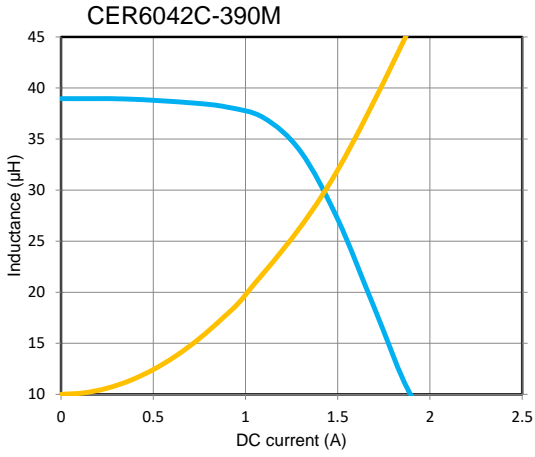


$\Delta T$



# DC bias characteristics vs Temperature Rise Graph

█ L(25°C)      █  $\Delta T$



# DC bias characteristics vs Temperature Rise Graph

■ L(25°C)      ■  $\Delta T$

