CBE1914HU

AEC-Q200

■ Features

- Power inductor with greatly improved current characteristics
- Closed magnetic circuit structure with low leakage flux
- Uses flat wire, low resistance and high current specifications
- Construction for high current
- AEC-Q200 compliant
- Operating temperature：-40℃～+150℃(The self-heating is included)

Magnetic structure：

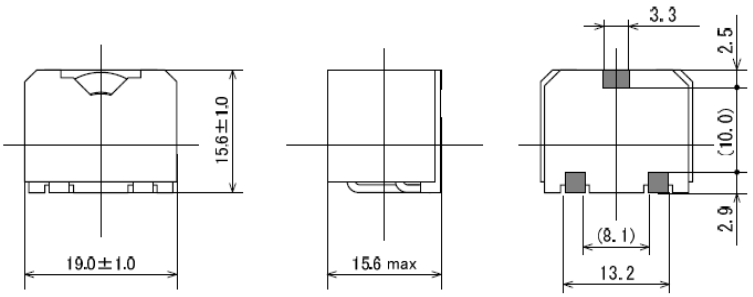
H

Weight： 17.0 g

■ Applications

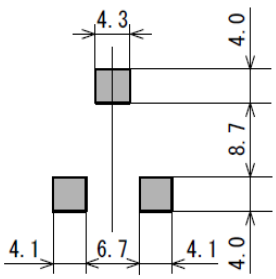
- Audio Visual/Mini System, AV Amplifier, for Professionals
- Automotive/Car Audio,ECU
- Home Electronics/Home Electronics
- Others/FA,Medical,Energy,Power Supply

■ Dimensions



(Unit：mm)

■ Recommended Land Pattern



(Unit：mm)

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

■ Specifications

SAGAMI Part No.	Inductance (μH)	DCR max. (mΩ)	DC Saturation Allowable (A)	Temperature Rise Allowable Current (A)
CBE1914HU-150M	15±20%	11.8	19.0	11.0
CBE1914HU-220M	22±20%	12.6	14.0	11.0
CBE1914HU-330M	33±20%	12.6	9.00	11.0

Inductance Measuring Condition:100kHz,1V
DC saturation allowable current:The current value which inductance decrease 10% from the initial value
Temperature rise allowable current:The rise in temperature of core surface is 40℃

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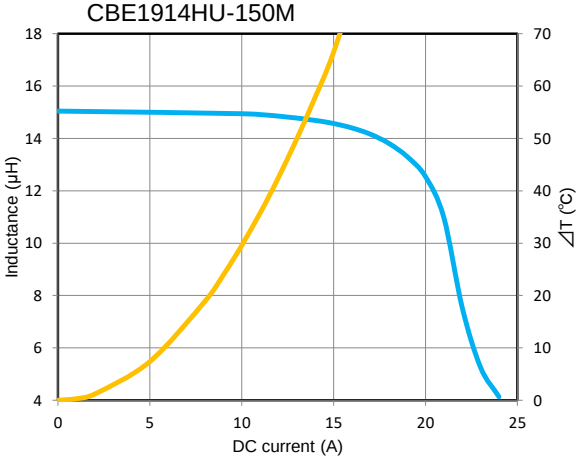
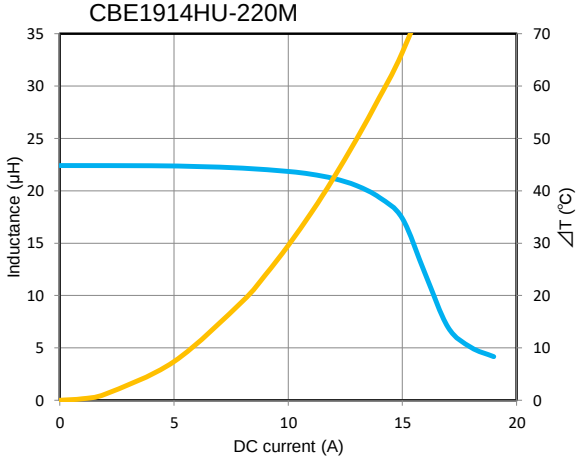
DC bias characteristics vs Temperature Rise Graph

L(25℃)　　⊿T

CBE1914HU-150M



CBE1914HU-220M



CBE1914HU-330M