

CVE1918HA

AEC-Q200



■ Features

- Greatly improved current characteristics
- Magnetically Shielded structure with low magnetic flux leakage
- Low-resistance, and support high currents by using flat wire
- AEC-Q200 compliant
- Operating temperature : -40°C~+150°C(The self-heating is included)

Magnetic structure :

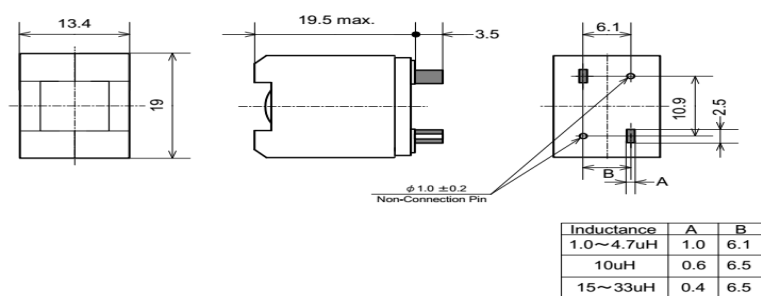


Weight : 16~17 g

■ 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

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■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR (m Ω)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	Typical		
CVE1918HA-1R0M	1 $\pm$ 20%	2.10	1.60	95.0	32.0
CVE1918HA-2R0M	2 $\pm$ 20%	2.10	1.60	60.0	32.0
CVE1918HA-4R0M	4 $\pm$ 20%	2.10	1.60	31.0	32.0
CVE1918HA-4R7M	4.7 $\pm$ 20%	2.10	1.60	24.0	32.0
CVE1918HA-100M	10 $\pm$ 20%	5.50	4.20	21.0	20.0
CVE1918HA-150M	15 $\pm$ 20%	11.8	9.00	19.0	12.0
CVE1918HA-220M	22 $\pm$ 20%	12.6	9.70	14.0	12.0
CVE1918HA-330M	33 $\pm$ 20%	12.6	9.70	9.00	12.0

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°C



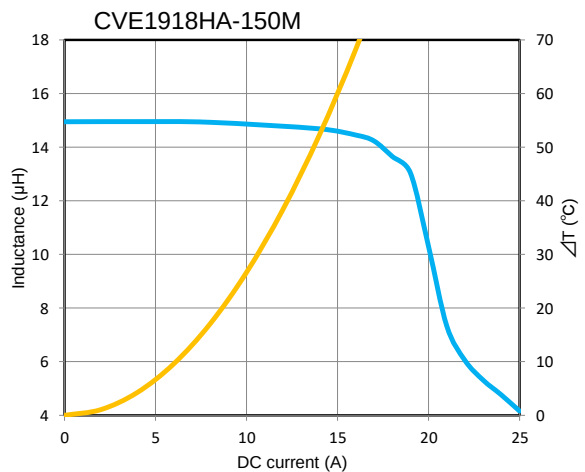
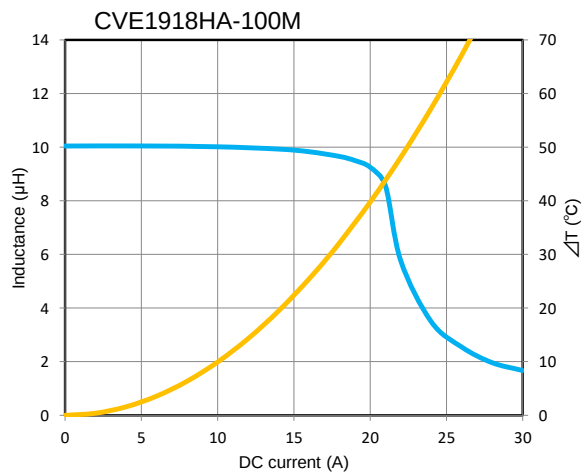
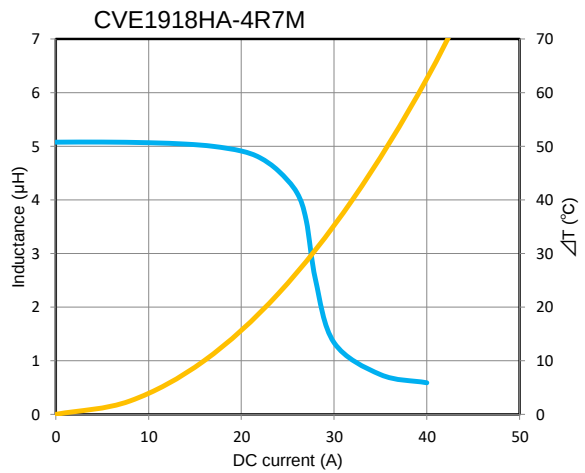
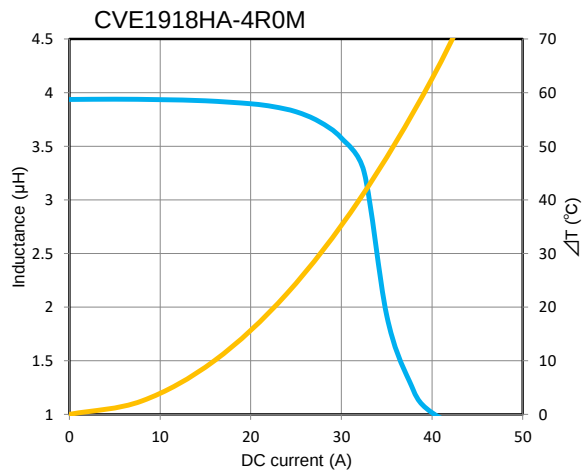
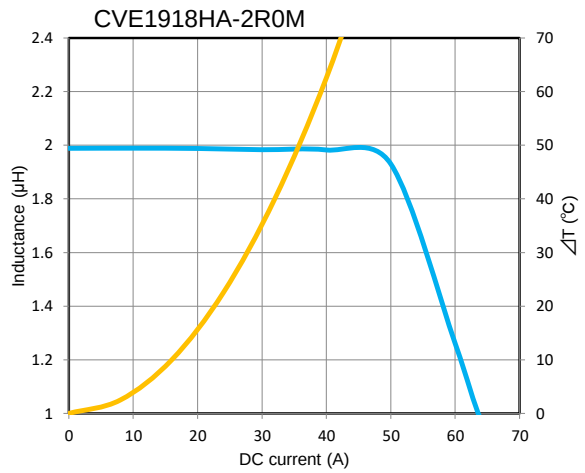
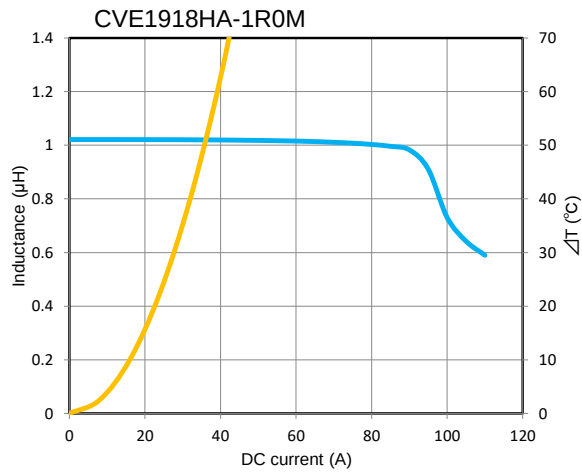
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DC bias characteristics vs Temperature Rise Graph

— $L(25^{\circ}\text{C})$
— ΔT



DC bias characteristics vs Temperature Rise Graph

■ $L(25^{\circ}\text{C})$ ■ ΔT

