

CBH1380HA

AEC-Q200



■ Features

- High current, Low resistance
- Compact size using flat wire
- High reliability in vibration and shock resistance with 3 terminals
- AEC-Q200 compliant
- Operating temperature : -40°C~+150°C(The self-heating is included)

Magnetic structure :

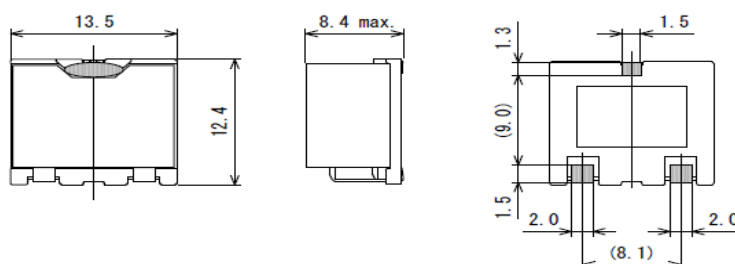


Weight : 4.6 g

■ Applications

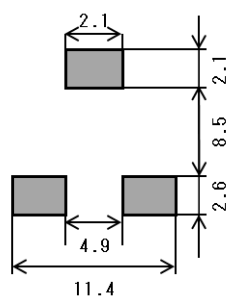
- Audio Visual/Mini System, AV Amplifier, for Professionals
- Automotive/LED Headlights, Car Audio, Car Navigation, ECU
- Computer & Peripheral Device/Printer(MFP)
- Others/Medical, Energy, Power Supply, FA

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



SAGAMI ELEC CO., LTD.
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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		
CBH1380HA-8R3M	8.3 $\pm$ 20%	12.0	9.46	11.0	5.30
CBH1380HA-100M	10 $\pm$ 20%	13.8	11.5	10.5	5.10
CBH1380HA-180M	18 $\pm$ 20%	32.4	27.0	7.50	3.90
CBH1380HA-220M	22 $\pm$ 20%	36.3	30.3	7.00	3.60
CBH1380HA-260M	26 $\pm$ 20%	42.0	32.3	6.00	3.20
CBH1380HA-330M	33 $\pm$ 20%	48.0	36.9	5.50	2.80

Inductance Measuring Condition:100kHz,1V

DC saturation allowable current:The current value which inductance decrease within 30% from the initial value

Temperature rise allowable current:The rise in temperature of core surface is within 40°C



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DC bias characteristics vs Temperature Rise Graph

— L(25°C)
 — ΔT

