

DBL1010HB

2in1

AEC-Q200



■ Features

- Space reduction is realized by 2 in 1 construction
- Low distortion and high-quality sound by low loss material and OFC (Oxygen-Free Copper) wire
- Core gap moved from top to side for improvement of mounting
- Compact size using flat wire
- High current, Low resistance
- AEC-Q200 compliant
- Operating temperature : -40°C~+125°C(The self-heating is included)

Magnetic structure :

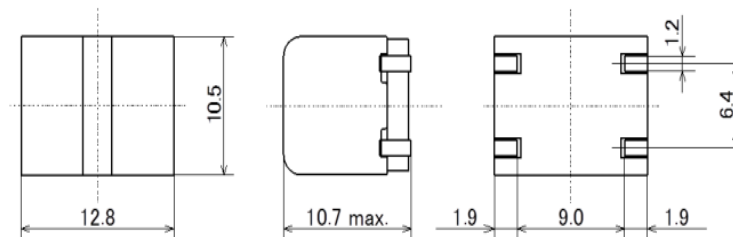


Weight : 5.2 g

■ Applications

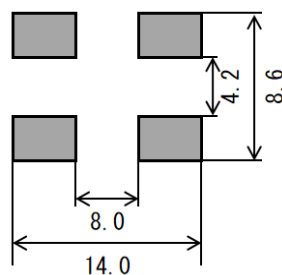
- Audio Visual/Mini System, AV Amplifier, for Professionals,TV and Monitor
- Automotive/Car Audio,Car Navigation
- Home Electronics/Games
- Others/Power Supply

■ 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

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

■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR (m Ω)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	Typical		
DBL1010HB-3R3M	3.3 $\pm$ 20%	11.0	9.00	11.6	5.40
DBL1010HB-100M	10 $\pm$ 20%	18.0	15.0	7.10	4.20
DBL1010HB-150M	15 $\pm$ 20%	23.0	18.0	5.30	3.80
DBL1010HB-220M	22 $\pm$ 20%	38.0	30.0	4.30	3.00

Inductance Measuring Condition:100kHz,1V

DC saturation allowable current:The current value which inductance decrease within 25% from the initial value

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



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

■ $L(25^{\circ}\text{C})$ ■ ΔT

