DBL1010HB

AEC-Q200

2in1

■ 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℃～+125℃(The self-heating is included)

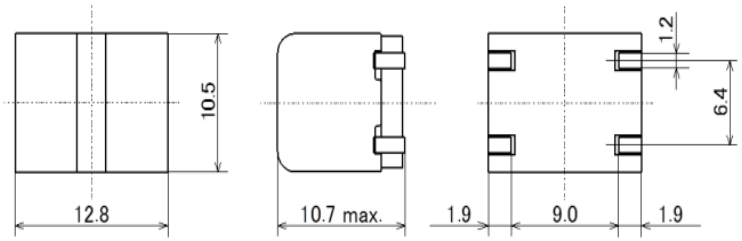
Magnetic structure：

Weight： 5.2 g

■ Applications

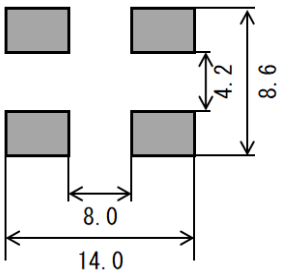
- Audio Visual/Mini System, AV Amplifier, for Professionals,TV and Monitor
- Automotive/Car Audio,Car Navigation
- Home Electronics/Games
- Others/Power Supply

■ Dimensions



(Unit：mm)

■ Recommended Land Pattern



(Unit：mm)

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

■ Specifications

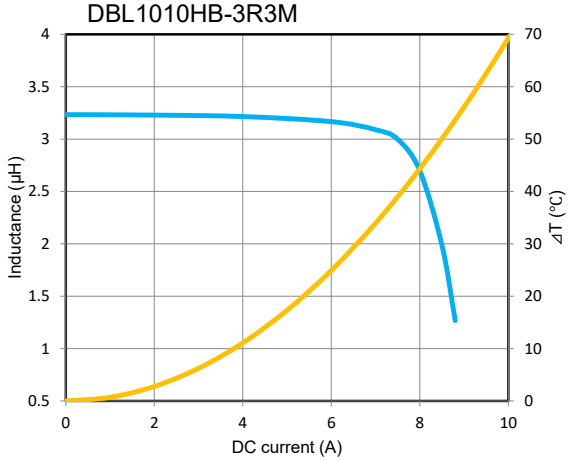
SAGAMI Part No.	Inductance (μH)	DCR (mΩ)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	Typical		
DBL1010HB-3R3M	3.3±20%	11.0	9.00	12.0	5.10
DBL1010HB-4R7N	4.7±30%	14.2	11.8	10.2	4.60
DBL1010HB-100M	10±20%	18.0	15.0	7.10	4.20
DBL1010HB-150M	15±20%	23.0	18.0	5.30	3.80
DBL1010HB-220M	22±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℃

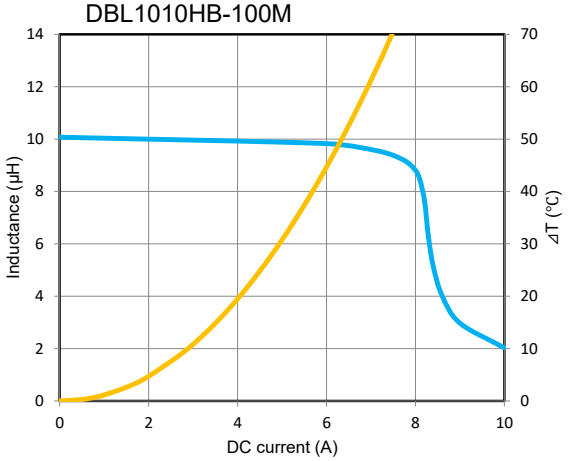
DC bias characteristics vs Temperature Rise Graph

L(25℃)　　⊿T

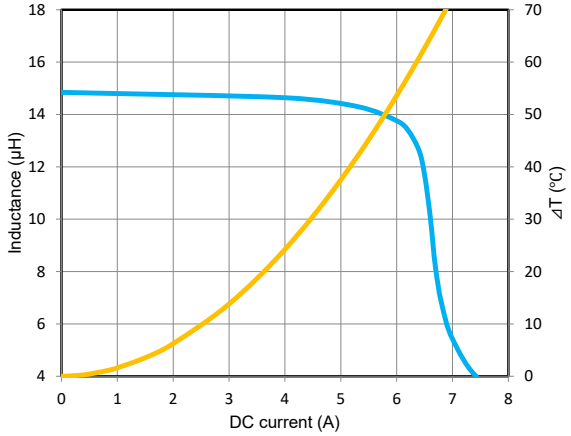
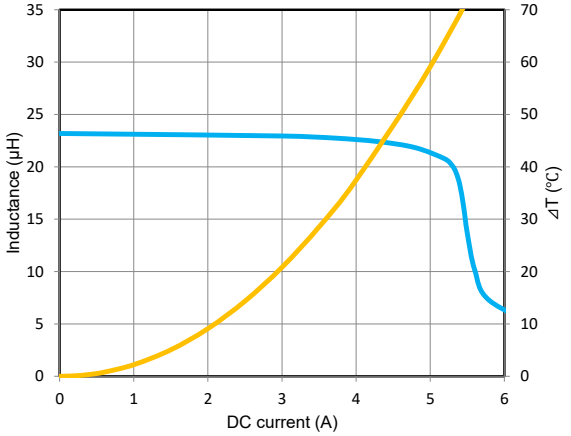
DBL1010HB-3R3M



DBL1010HB-100M



DBL1010HB-150M



DBL1010HB-220M