

DBL9097HB

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°C~+125°C(The self-heating is included)

Magnetic structure :

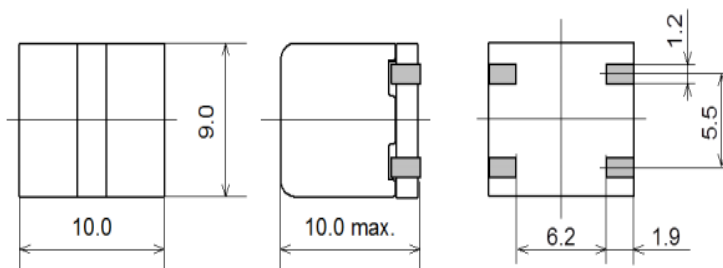


Weight : 3.2 g

■ Applications

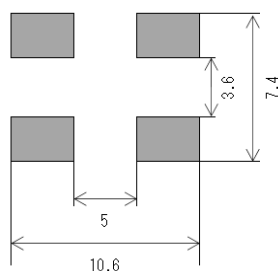
- Audio Visual/Mini System, AV Amplifier, for Professionals,TV and Monitor
- Automotive/Car Audio,Car Navigation
- Home Electronics/Games
- Others/Power Supply

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



SAGAMI ELEC CO., LTD.
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⚠ The contents of this catalogue are subject to change without notice.

■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR ($m\Omega$)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	Typical		
DBL9097HB-3R3M	3.3 \pm 20%	11.5	9.60	8.10	4.80
DBL9097HB-4R7N	4.7 \pm 30%	14.2	11.8	7.10	4.30
DBL9097HB-100M	10 \pm 20%	22.0	18.0	5.00	3.90
DBL9097HB-150M	15 \pm 20%	44.0	36.0	4.10	2.80
DBL9097HB-220M	22 \pm 20%	52.0	43.0	3.20	2.50

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



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DC bias characteristics vs Temperature Rise Graph



L(25°C)



ΔT

