

DBK6568H



■ Features

- Inductor for LPF of Digital Amplifier (Class-D)
- Uniquely-developed core focused on sound quality
- Achieved high-quality sound with oxygen-free copper wire (OFC)
- Superior magnetic saturation characteristic and temperature-independent
- Operating temperature : -40°C~+125°C(The self-heating is included)

Magnetic structure :

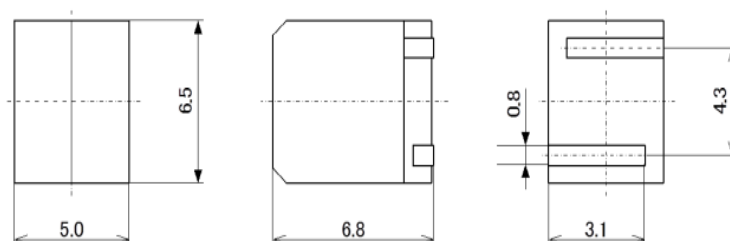


Weight : 0.88 g

■ Applications

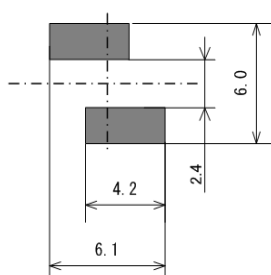
- Audio Visual/Mini System, AV Amplifier, for Professionals,TV and Monitor
- Home Electronics/Games
- Others/Power Supply

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



SAGAMI ELEC CO., LTD.
<https://www.sagami-elec.co.jp>

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■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR Typical (m Ω)	DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
DBK6568H-3R3N	3.3 $\pm$ 30%	24.3	14.8	4.30
DBK6568H-4R7M	4.7 $\pm$ 20%	28.0	12.2	4.10
DBK6568H-8R2N	8.2 $\pm$ 20%	57.0	9.00	2.80
DBK6568H-100M	10 $\pm$ 20%	90.4	8.40	2.30
DBK6568H-120M	12 $\pm$ 20%	94.5	8.00	2.20

Inductance Measuring Condition:100kHz,1V

DC saturation allowable current:The current value which inductance decrease 20% from the initial value

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



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