

# DBS8597H

NEW

AEC-Q200



## ■ Features

- Best suited as LPF Inductor for Ultra-Small Digital Amplifier(Class-D Amp)
- High quality sound with shielded structure
- Achieved high-quality sound with oxygen-free copper wire (OFC)
- AEC-Q200 compliant
- Operating temperature : -40°C~+125°C(The self-heating is included)

Magnetic structure :

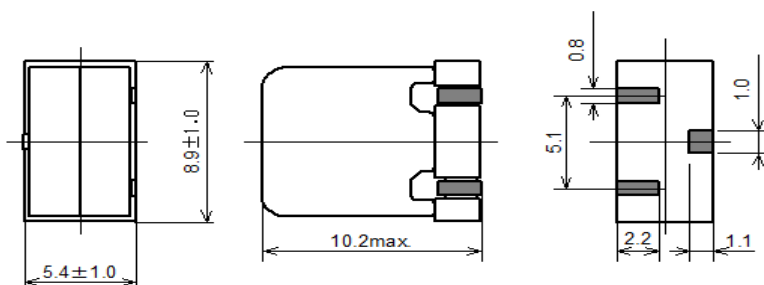


Weight : 1.2 g

## ■ Applications

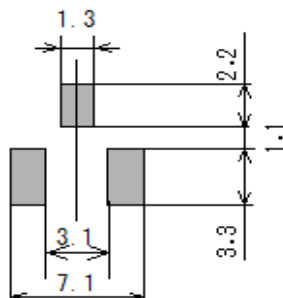
- Audio Visual/TV and Monitor, Mini System, AV Amplifier, for Professionals
- Automotive/Car Audio, Car Navigation
- Home Electronics/Games
- Others/Power Supply

## ■ 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 ( $\mu$ H)	DCR ( $\Omega$ ) $\pm 30\%$	DC Saturation Allowable Current (A)		Temperature Rise Allowable Current (A)	
			Typical	Spec	Typical	Spec
DBS8597H-3R3M	3.3 $\pm 20\%$	0.0101	6.20		5.10	

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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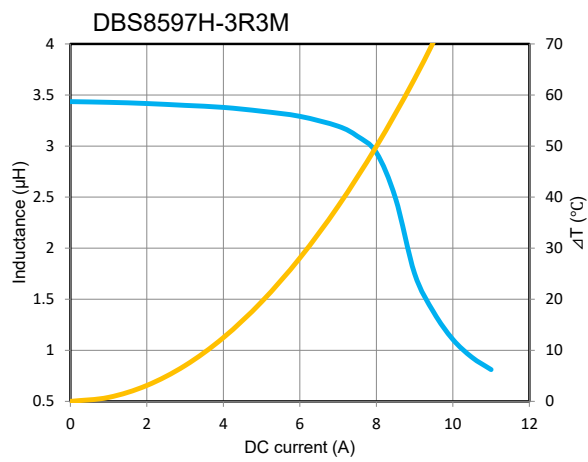
# DC bias characteristics vs Temperature Rise Graph



L(25°C)



$\Delta T$



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