

## DBL5674

New Products

RoHS

AEC-Q200



### ■ Features

- Optimized for 14V27W(3.6A)
- Space reduction is realized by 2 in 1 construction
- The optimal design realizes high quality sound and low distortion
- Smallest class of product

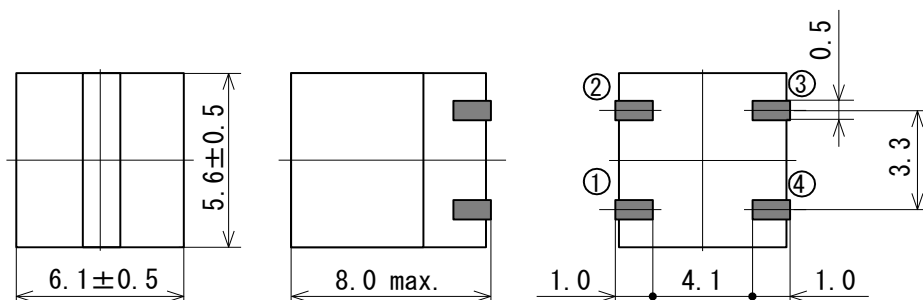
Operating Temperature Range : -40 °C~ +125 °C(include self-heating)

Weight : 0.77 g

### ■ Application

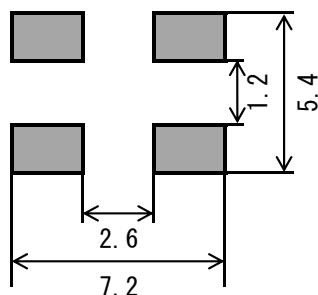
- AudioVisual
- TV and Monitor, Mini component, AV amplifier, Amplifier for professional
- Automotive
- Car Audio, Car Navigation
- Home Electronics
- Games
- Others
- Power Supply

### ■ Dimensions



(Unit : mm)

### ■ Recommended Land Pattern



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

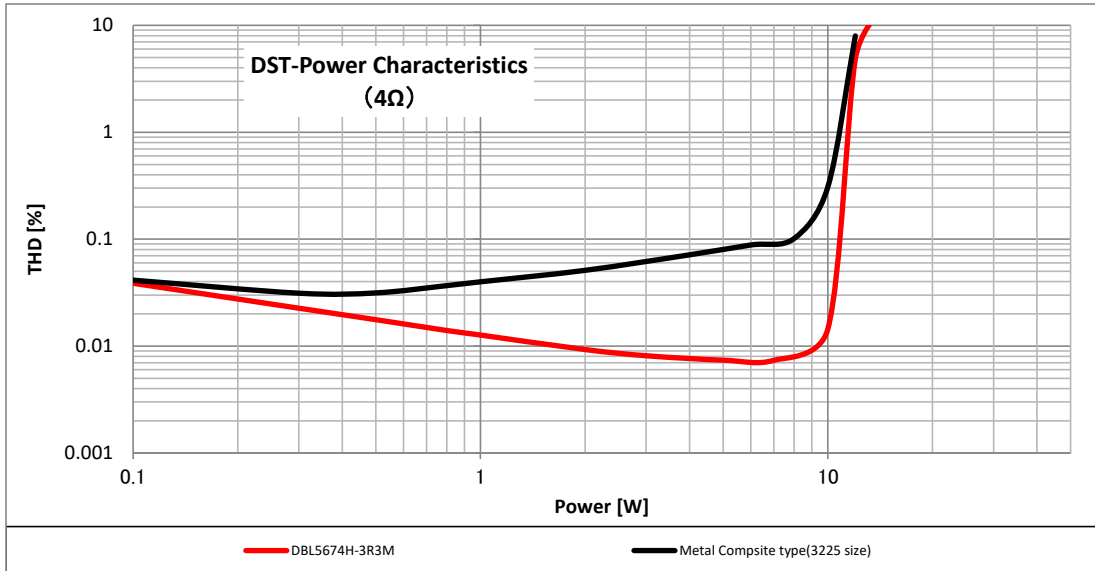
10-30, Ichibashimo-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0024, Japan  
 Over Seas Sales Dept. TEL : +81 45 511 3141, E-mail : ossg@sagami-elec.co.jp  
 Engineering Dept. TEL : +81 45 521 4543

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## ■ Specifications

SAGAMI Part No.	Inductance ( $\mu\text{H}$ )	DCR Resistance		DC saturation allowable current (A)	Teperature rise allowable current (A)
		(m $\Omega$ )			
		Typical	max.		
DBL5674H-3R3M	3.3 $\pm$ 20%	38.8	46.6	4.90	2.90

- Inductance Measuring Condition : 100kHz,1V
- Rated current : DC saturation allowable current or Temperature rise allowable current, whichever is smaller.
  1. DC saturation allowable current : value of inductance decrease within 25%.
  2. Temperature rise allowable current : A rise in temperature of core surface is within 30°C.



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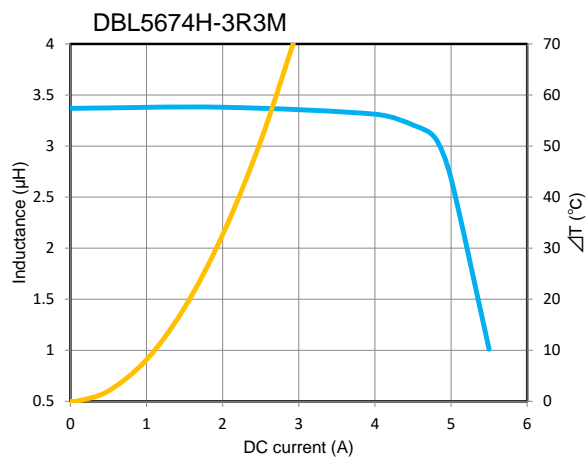
# DC bias characteristics vs Temperature Rise Graph



L(25°C)



$\Delta T$



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