DBE1316HH

2in1

AEC-Q200

■ Features

- Greatly improved current characteristics
- Magnetically Shielded structure with low magnetic flux leakage
- Low-resistance, and support high currents by using flat wire
- AEC-Q200 compliant
- Operating temperature：-40℃～+125℃(The self-heating is included)

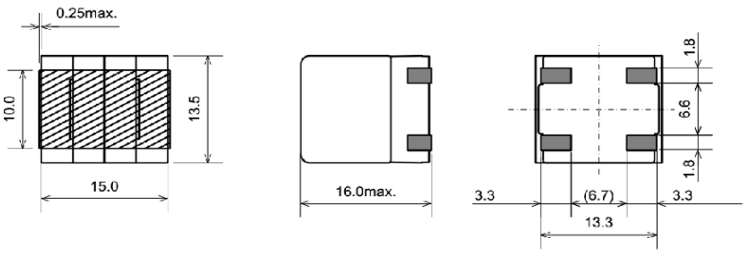
Magnetic structure：

Weight： 11 g

■ Applications

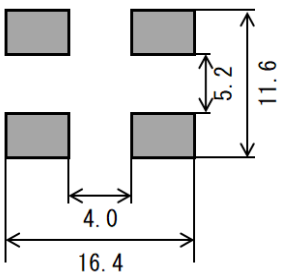
- Audio Visual/Mini System, AV Amplifier, for Professionals,TV and Monitor
- Automotive/Car Audio,Car Navigation
- Home Electronics/Games
- Others/Power Supply

■ Dimensions



(Unit：mm)

■ Recommended Land Pattern



(Unit：mm)

SAGAMI ELEC CO., LTD.
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Engineering Dept. TEL : +81 45 521 4543

■ Specifications

SAGAMI Part No.	Inductance (μH)	DCR (mΩ)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	typical		
DBE1316HH-5R0M	5±20%	5.20	4.30	16.3	9.10
DBE1316HH-100M	10±20%	10.9	9.00	11.1	6.20

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℃

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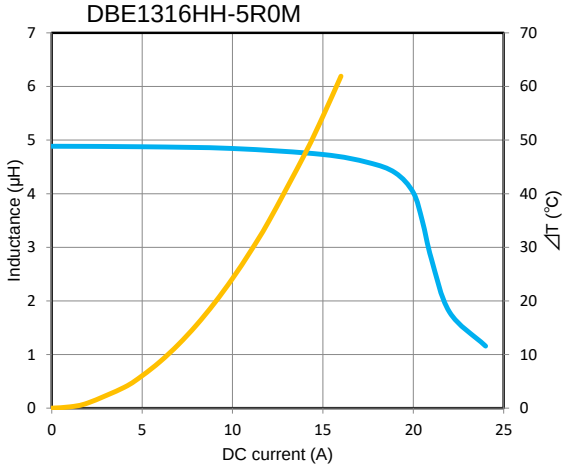
DC bias characteristics vs Temperature Rise Graph

L(25℃)　　⊿T

DBE1316HH-5R0M



DBE1316HH-100M