

DVK1313H



■ 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 :

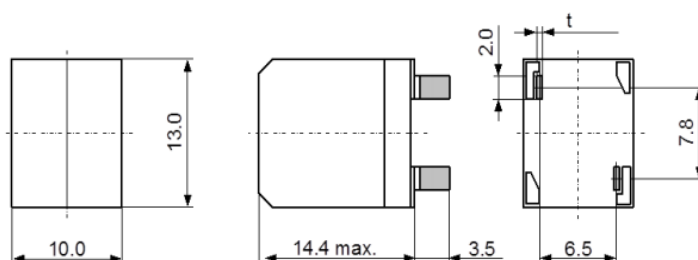


Weight : 7.5 g

■ Applications

- Audio Visual/Mini System, AV Amplifier, for Professionals
- Automotive/Car Audio
- 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)
DVK1313H-4R7M	4.7 $\pm$ 20%	6.00	25.2	14.2
DVK1313H-100M	10 $\pm$ 20%	13.4	19.0	9.40
DVK1313H-220M	22 $\pm$ 20%	28.4	11.8	6.40

Inductance Measuring Condition:100kHz,1V

DC saturation allowable current:The current value which inductance decrease 25% from the initial value

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



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