

DLM1623M

AEC-Q200

2in1



■ Features

- Inductor for LPF of Digital Amplifier (Class-D).
- Microminiaturization and 2 in 1 vertical type structure realized space-saving.
- Simple and original magnetic shield structure.
- Low distortion and high quality sound are realized by using low-loss core and OFC (Oxygen Free Copper) wire
- AEC-Q200 compliant
- Operating temperature : -40°C~+125°C(The self-heating is included)

Magnetic structure :

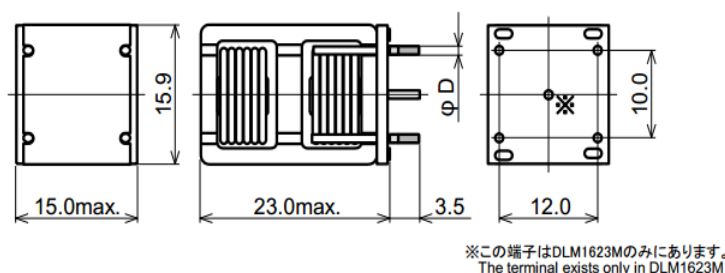


Weight : 17 g

■ Applications

- Audio Visual/Mini System, AV Amplifier, for Professionals
- Automotive/Car Audio
- Others/Power Supply

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern

(Unit : mm)



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■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR (m Ω)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	Typical		
DLM1623M-100M	10 \pm 20%	12.0	9.00	15.0	6.40
DLM1623M-150M	15 \pm 20%	22.6	17.6	11.0	5.20
DLM1623M-220M	22 \pm 20%	31.0	22.7	10.0	3.80

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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