

DRU1010G

AEC-Q200

2in1



■ Features

- Realization of high current specifications by metallic magnetic material.
- Space reduction is realized by 2 in 1 construction
- Decreased acoustic noise by there are no air gaps.
- Low inductance variance in temperature environments.
- AEC-Q200 compliant
- Operating temperature : -40°C~+125°C(The self-heating is included)
- Withstand Voltage:75V

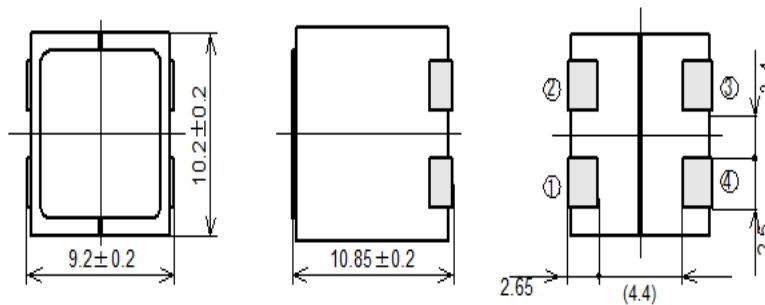
Magnetic structure :



■ Applications

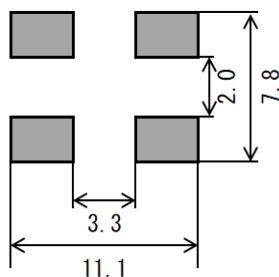
- Audio Visual/Mini System, AV Amplifier, for Professionals,TV and Monitor
- Automotive/Car Audio,Car Navigation
- Home Electronics/Games
- Others/Power Supply

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



SAGAMI ELEC CO., LTD.
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■ Specifications

SAGAMI Part No.	Inductance (μ H)	DCR ($m\Omega$)		DC Saturation Allowable Current (A)	Temperature Rise Allowable Current (A)
		max.	Typical		
DRU1010G-3R3M	3.3 \pm 20%	8.50	7.40	26.0	9.00
DRU1010G-100M	10 \pm 20%	22.0	18.0	12.0	5.80
DRU1010G-150M	15 \pm 20%	40.8	34.0	9.0	4.50
DRU1010G-220M	22 \pm 20%	56.0	46.0	8.5	3.60

Inductance Measuring Condition: 100kHz, 0.25V

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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