

## 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

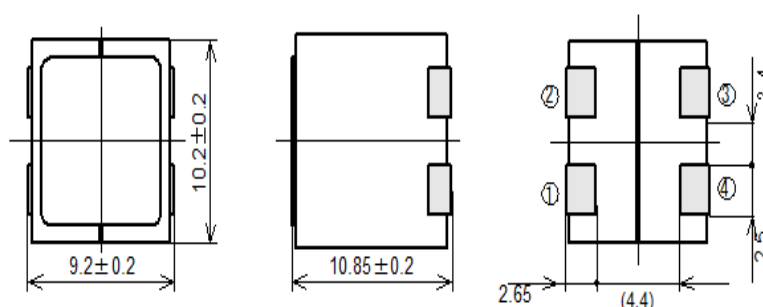
Magnetic structure :



## ■ Applications

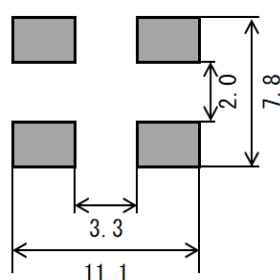
- Audio Visual/Mini System, AV Amplifier, for Professionals,TV and Monitor
- Automotive/Car Audio,Car Navigation
- Home Electronics/Games
- Others/Power Supply

## ■ Dimensions



(Unit : mm)

## ■ Recommended Land Pattern



(Unit : mm)



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## ■ Specifications

SAGAMI Part No.	Inductance ( $\mu$ 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	26.4	9.20
DRU1010G-100M	10 $\pm$ 20%	21.7	17.6	12.4	5.80
DRU1010G-150M	15 $\pm$ 20%	40.5	33.8	9.20	4.60
DRU1010G-220M	22 $\pm$ 20%	55.2	45.1	8.80	3.80

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℃



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