

# Multi-layer Power Inductor : MIPSUZ2520G Series (LGA Type)



**MIPSUZ2520G Series**  
(2.5 x 2.0 x 0.5mm max)

## Features

- 2.5x2.0 mm and 0.5 mm in height (very compact size): CAE and fine printing technology made this compact size possible.
- Stable minimum DC resistance in the class
- High speed mounting: Using SMT mounter makes less than a second mounting possible
- LGA terminal helps saving mounting area and height of module.
- Reduced noise over 2/3 of coil inductor by optimal design of CAD.

## Applications

DC-DC converters and power modules used for the following applications. Mobile electrical instruments such as mobile phones, DSC, DVC, PDA, DVD and HDD.

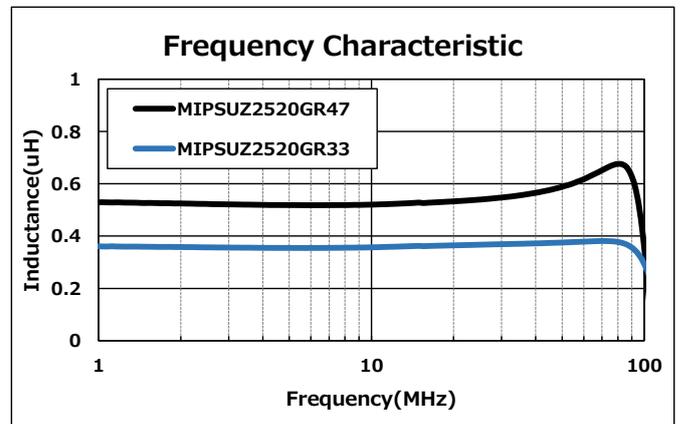
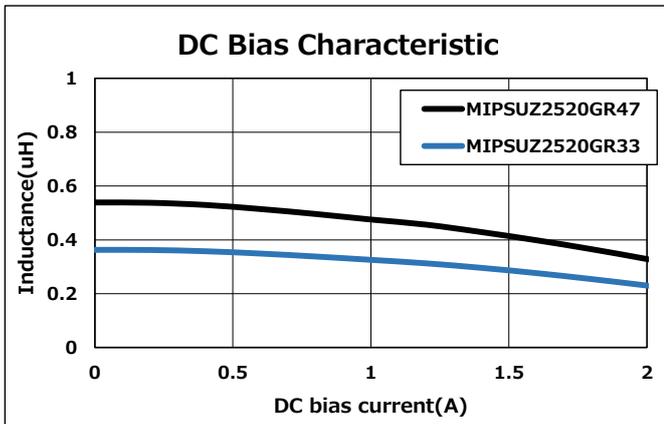
## Specifications

Product name	MIPSUZ2520GR47	MIPSUZ2520GR33
Inductance( $\mu$ H) at 1MHz	0.47 $\pm$ 30%	0.33 $\pm$ 30%
DC resistance(Ohm)	0.08 $\pm$ 30%	0.06 $\pm$ 30%
Rated current(A)_typ.*1	1.7	2.1
Rated current(A)_typ.*2	2.2	2.5

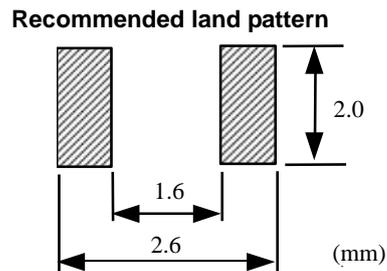
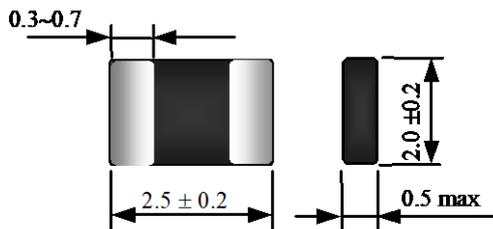
Rated current\_\*1 : In case temperature rise to 40°C due to self-heating.

Rated current\_\*2 : The saturation current : L=-30% down from initial L value.

Operating temperature range: -40~85°C



## Shapes and Dimensions



Standard package : Emboss taping (reel)

■ The description in this catalogue is subject to change without notice. As of Dec, 2019