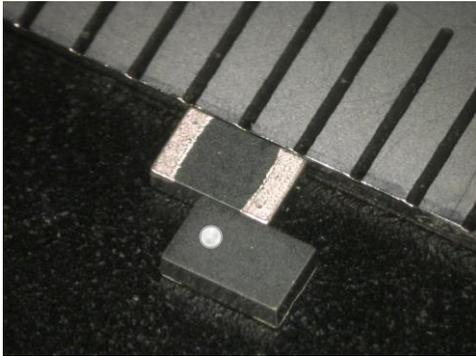


# Multi-layer Power Inductor : MIPSCZ2012G series (LGA Type)



**MIPSCZ2012G series**  
(2.0 x 1.25 x 0.73mm max)

## Features

- 2.0x1.25 mm and 0.73 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
- Excellent mounting strength by SMD chip making
- Reduced noise over 2/3 of coil inductor by optimal design of CAD
- Completely lead-free product and support lead-free solder

## Applications

- DC-DC converters and power modules used for the following equipments. Compact electrical instruments such as cellular phones, DSC, DVC, PDA, DVD and HDD.

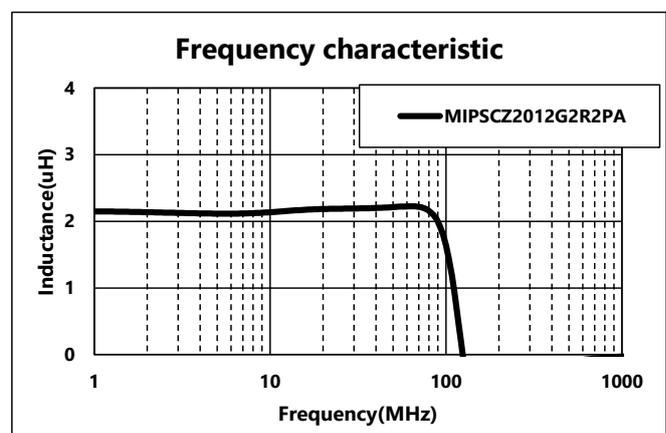
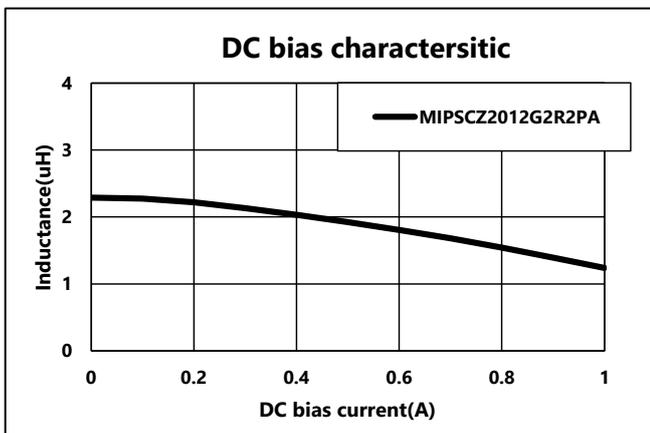
## Specifications

<b>Product name</b>	<b>MIPSCZ2012G2R2PA</b>
<b>Inductance(μH) at 1MHz</b>	<b>2.2<sub>+30%</sub></b>
<b>DC resistance(Ohm)</b>	<b>0.205<sub>+30%</sub></b>
<b>Rated current (A)_typ.*1</b>	<b>1.1</b>
<b>Rated current (A)_typ.*2</b>	<b>0.8</b>

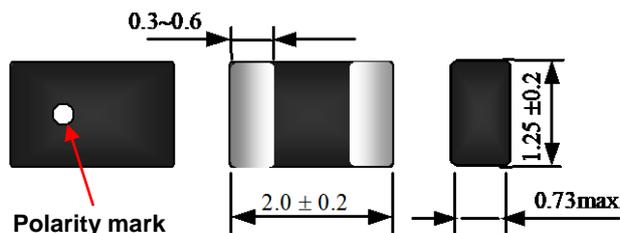
Rated current\_\*1 : In case temperature rise to 40°C due to self-heating.

Operating temperature range: -40~85°C

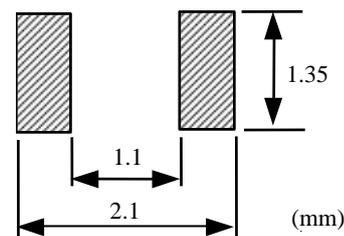
Rated current\_\*2 : The saturation current : L=-30% down from initial L value.



## Shapes and Dimensions



### Recommended land pattern



Standard package : Emboss taping (reel)

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