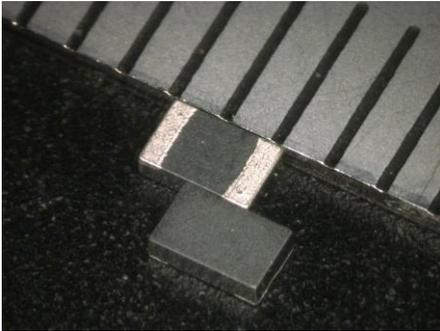


Multi-layer Power Inductor : MIPSUZ2012G Series (LGA Type)



MIPSUZ2012G Series
(2.0 x 1.25 x 0.5mm max)

Features

- 2.0x1.25 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.

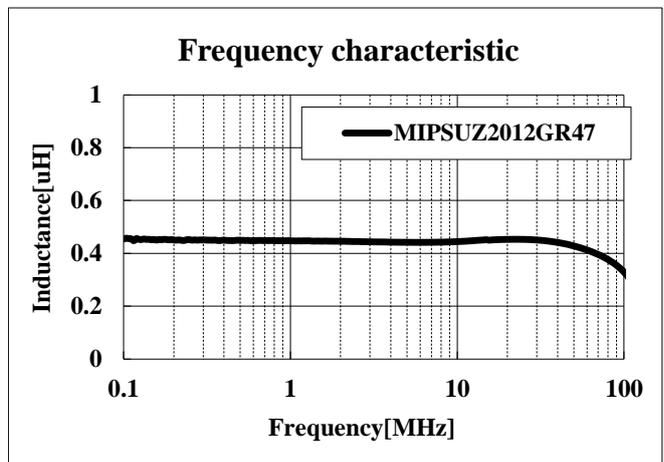
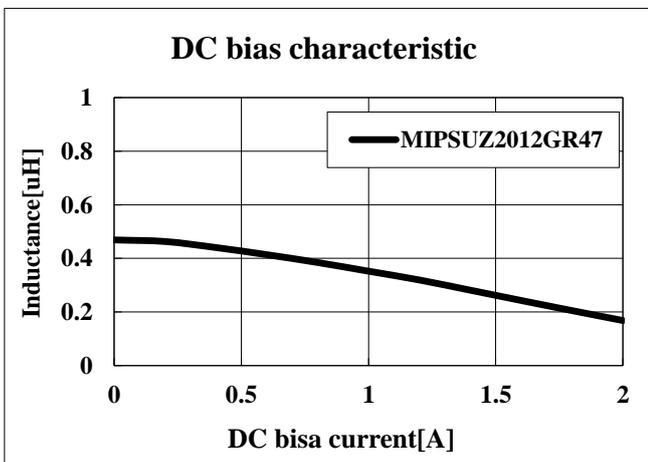
Applications

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

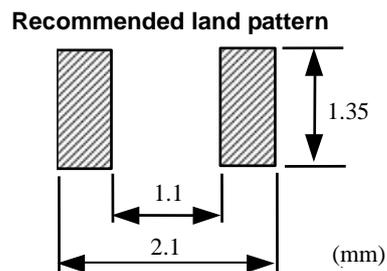
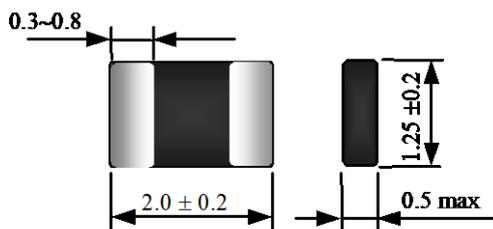
Specifications

Product name	MIPSUZ2012GR47
Inductance(μH) at 1MHz	0.47±30%
DC resistance(Ohm)	0.10±30%
Rated current(A)_typ.*1	1.1
Rated current(A)_typ.*2	0.8

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



Standard package : Emboss taping (reel)

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