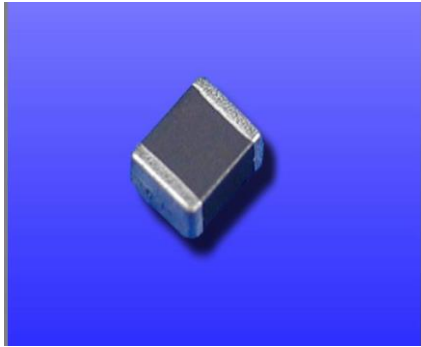


Multi-layer Power Inductor : MIPSBZ3225D_FR series (Low RDC Type)



MIPSBZ3225D series
(3.2 x 2.5 x 2.0mm max)

Features

- 3.2x2.5 mm and 2.0 mm in height (compact size): CAE and fine printing technology made this compact size possible
- Extremely low 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

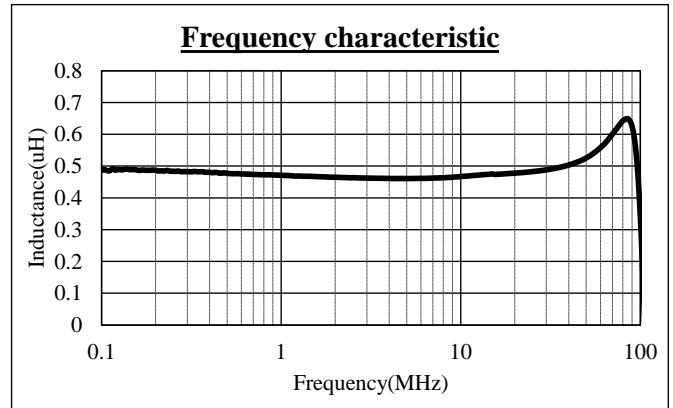
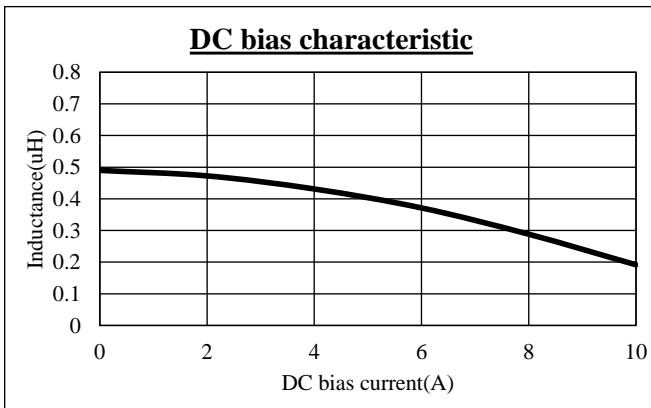
- DC-DC converters and power modules used for the following equipments. Compact electrical instruments such as cellular phones, DSC, DVC, PDA, DVD and HDD.

Specifications

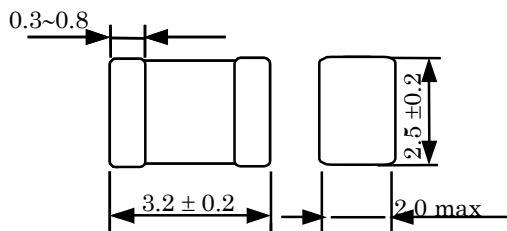
Product name	MIPSBZ3225DR47FR
Inductance (uH) at 1MHz	0.47+30%
DC resistance (ohm)	0.01+30%
Rated current (A)_typ.*1	4.5
Rated current (A)_typ.*2	7.0

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: -40~125°C
(Including self-heating)

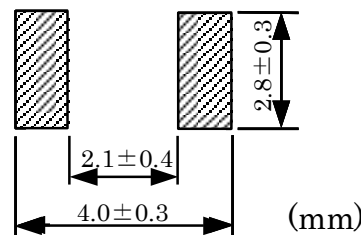


Shapes and Dimensions



Standard package : Emboss taping (reel)

Recommended land pattern



(mm)

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