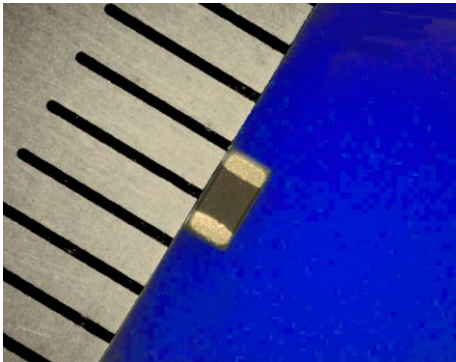


# Multi-layer Power Inductor : MIPSTZ1608D2R2B/BR



**MIPSTZ1608D2R2B/BR**  
(1.6 x 0.8 x 0.9mm max)

## Features

- 1.6x0.8 mm and 0.9mm 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.

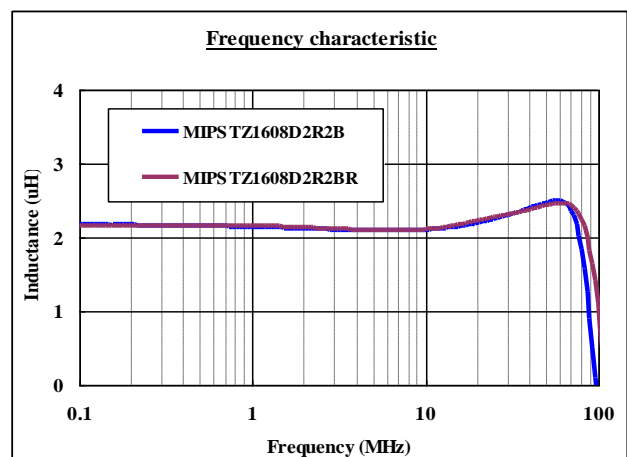
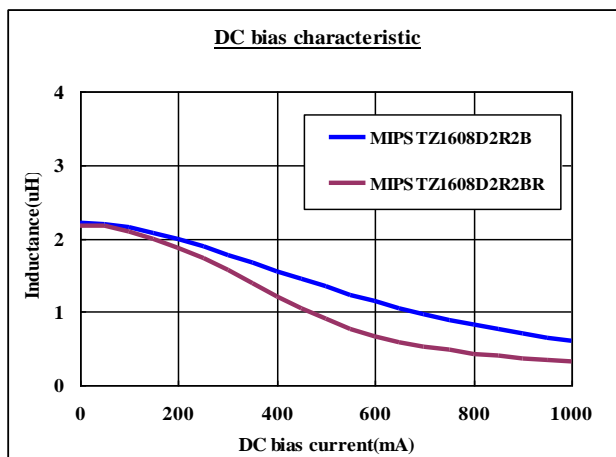
## Specifications

Product name	MIPSTZ1608D2R2B	MIPSTZ1608D2R2BR
Inductance( $\mu$ H) at 1MHz	2.2 $\pm$ 30%	2.2 $\pm$ 30%
DC resistance(ohms)	0.39 $\pm$ 30%	0.30 $\pm$ 30%
Rated current(A)_typ.*1	0.5	0.6
Rated current(A)_typ.*2	0.4	0.3

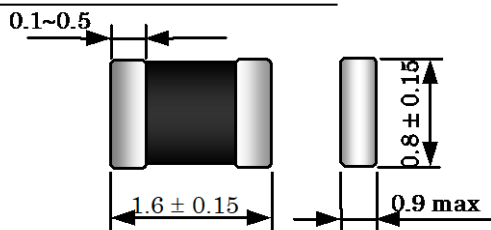
Rated current\_\*1 : In case temperature rise to 40°C due to self-heating.

Operating temperature range: -40~85°C

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

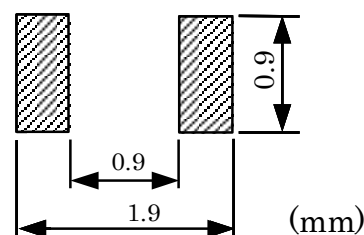


## Shapes and Dimensions



Standard package : Emboss taping (reel)

### Recommended land pattern



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