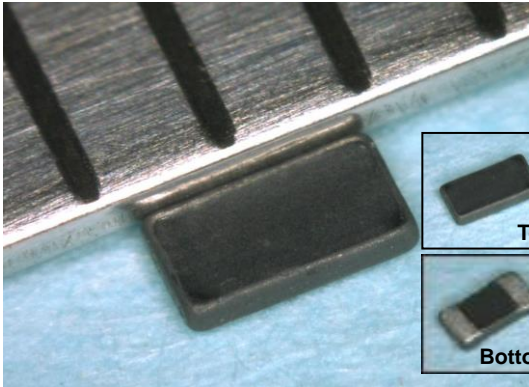


# Multi-layer Power Inductor : MIPSKZ1608G\_T series (LGA Type)



## Features

- 1.6x0.8 mm and 0.35mm 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

**MIPSKZ1608G\_T series (LGA type)**  
(1.6 x 0.8 x 0.35mm max)

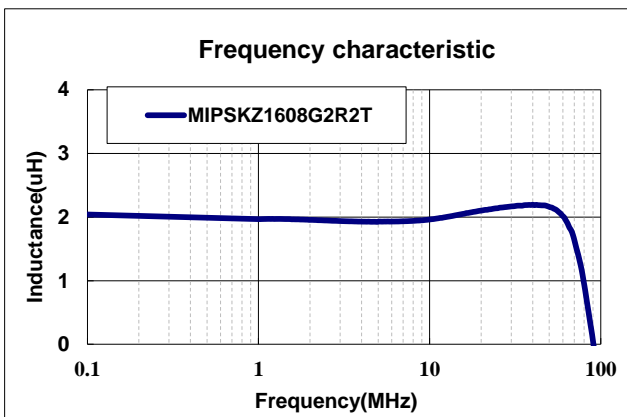
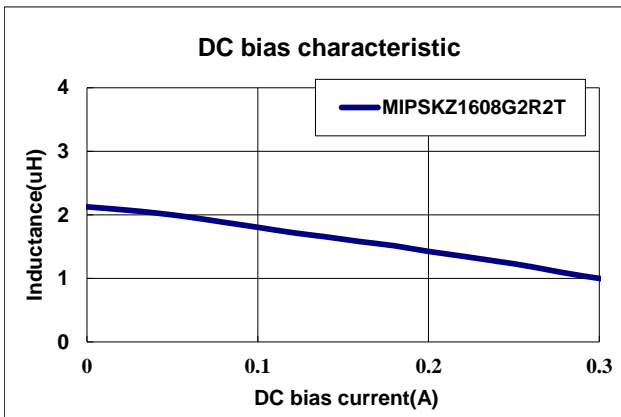
## Applications

- DC-DC converters and power modules used for the Small and Thin type Wireless equipment. Such as Smart Card, Wearable devices.

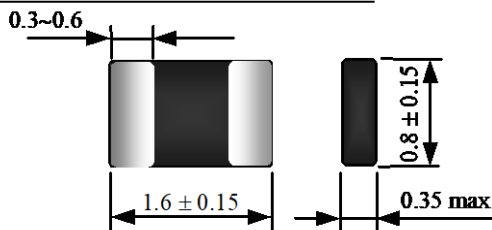
## Specifications

Product name	MIPSKZ1608G
	2R2T
Inductance(μH) at 1MHz	2.2±30%
DC resistance(ohm)	0.42±30%
Rated current(A)_typ.*1	0.6
Rated current(A)_typ.*2	0.15

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.

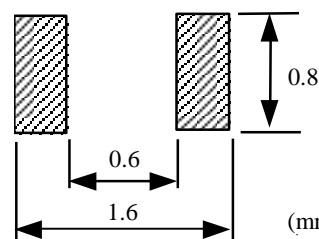


## Shapes and Dimensions



Standard package : Emboss taping (reel)

### Recommended land pattern



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