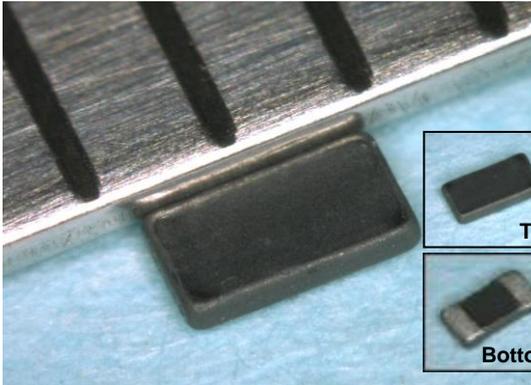


# Multi-layer Power Inductor : MIPSKZ1608G\_T series (LGA Type)



## 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.

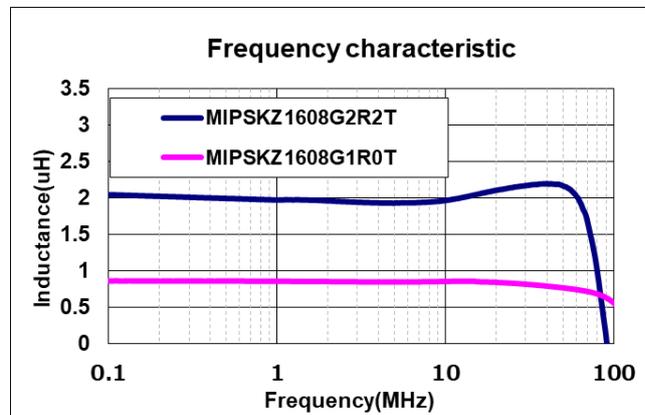
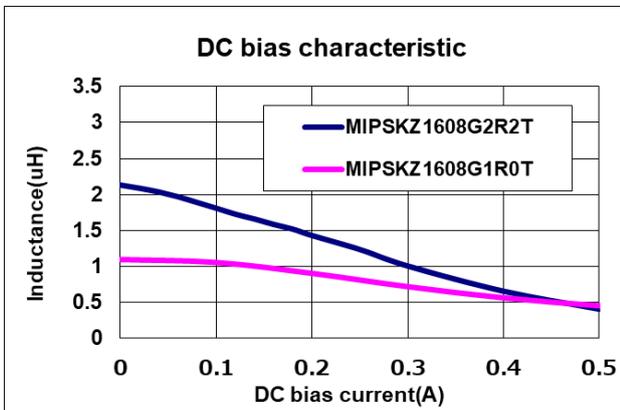
## Specifications

| Product name                 | MIPSKZ1608G    |                |
|------------------------------|----------------|----------------|
|                              | 2R2T           | 1R0T           |
| Inductance( $\mu$ H) at 1MHz | 2.2 $\pm$ 30%  | 1.0 $\pm$ 30%  |
| DC resistance(ohm)           | 0.42 $\pm$ 30% | 0.39 $\pm$ 30% |
| Rated current(A)_typ.*1      | 0.6            | 0.7            |
| Rated current(A)_typ.*2      | 0.15           | 0.3            |

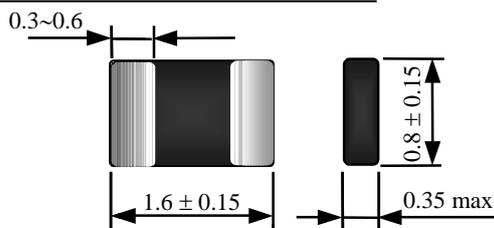
Rated current\_\*1 : In case temperature rise to 40°C due to self-heating.

Operating temperature range: -40~85°C

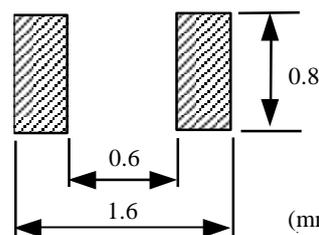
Rated current\_\*2 : The saturation current : L=-30% down from initial L value.



## Shapes and Dimensions



### Recommended land pattern



■ The description in this catalogue is subject to change without notice. As of Mar, 2021