

**Multi-layer Power Inductor : MIPSDZ1608G series (LGA Type)**

**Features**



- 1.6x0.8 mm and 0.63 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
- 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

**MIPSDZ1608G2R2PX**  
(1.6 x 0.8 x 0.63mm max)

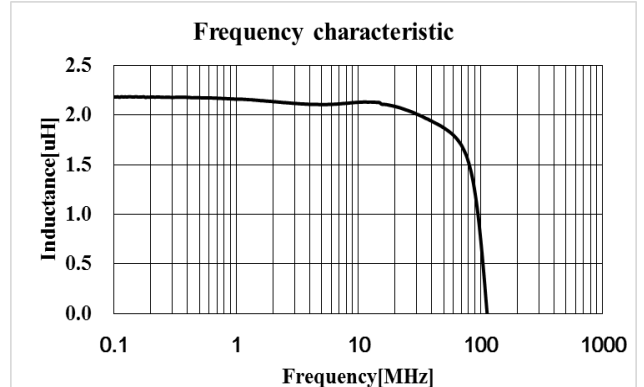
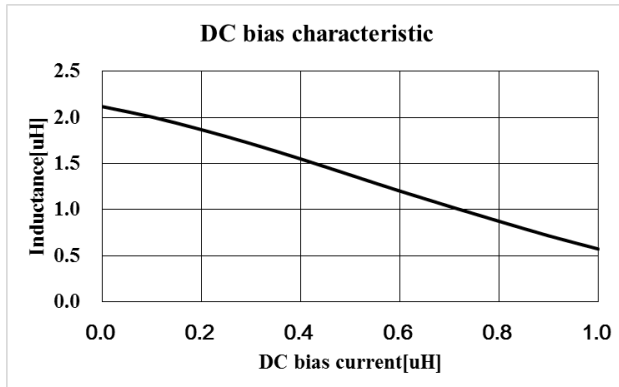
**Applications**

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

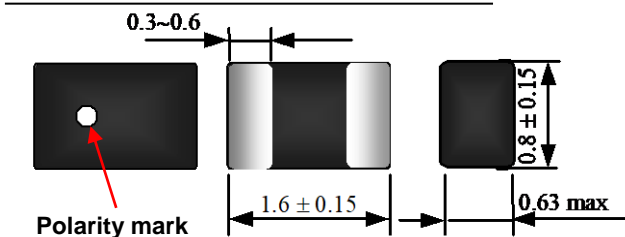
**Specifications**

<b>Product name</b>	<b>MIPSDZ1608G2R2PX</b>
<b>Inductance(μH) at 1MHz</b>	<b>2.2±30%</b>
<b>DC resistance(Ohm)</b>	<b>0.34±30%</b>
<b>Rated current (A)_typ.*1</b>	<b>0.8</b>
<b>Rated current (A)_typ.*2</b>	<b>0.35</b>

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.

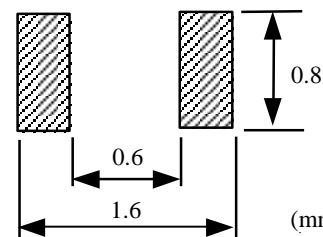


**Shapes and Dimensions**



Standard package : Emboss taping (reel)

**Recommended land pattern**



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