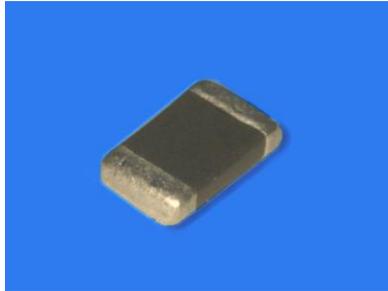


Multi-layer Power Inductor : MIPSUZ2012D_T series



MIPSUZ2012D_T series
(2.0 x 1.25 x 0.55mm max)

Features

- 2.0x1.25 mm and 0.55 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

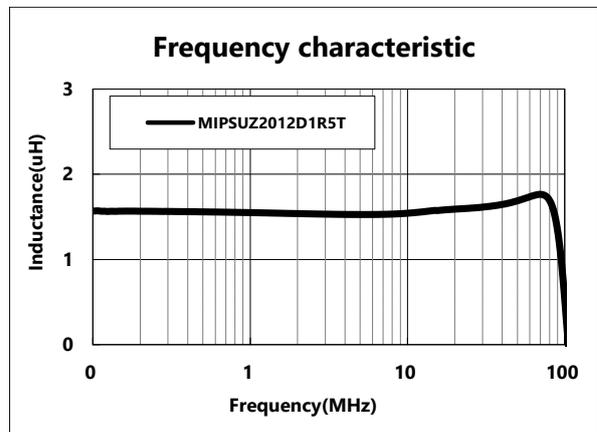
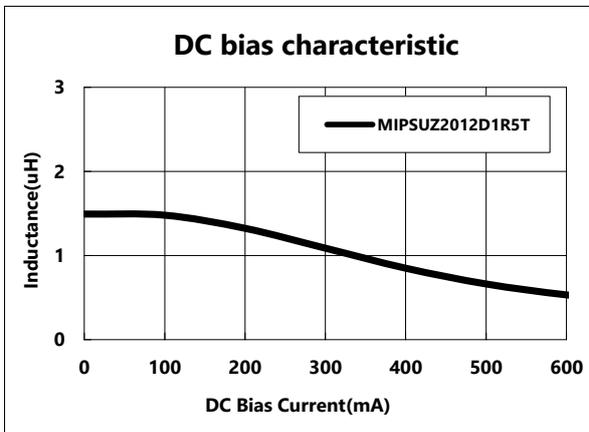
Applications

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

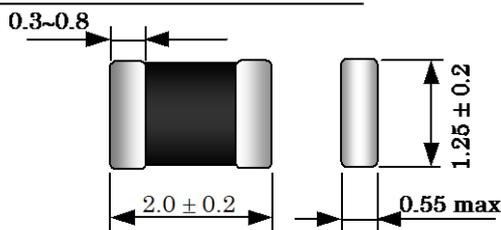
Specifications

Product name	MIPSUZ2012D1R5T
Inductance(μH) at 1MHz	1.5±30%
DC resistance(ohm)	0.25±30%
Rated current(A)_typ.*1	0.7
Rated current(A)_typ.*2	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.

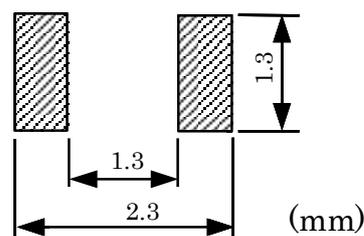


Shapes and Dimensions



Standard package : Emboss taping (reel)

Recommended land pattern



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