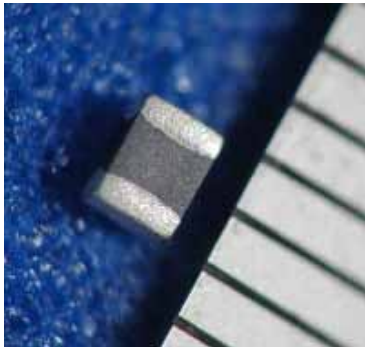


Multi-layer Power Inductor : MIPF2016series (Very Small Type)

Features



- 2.0x1.6 mm and 1 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

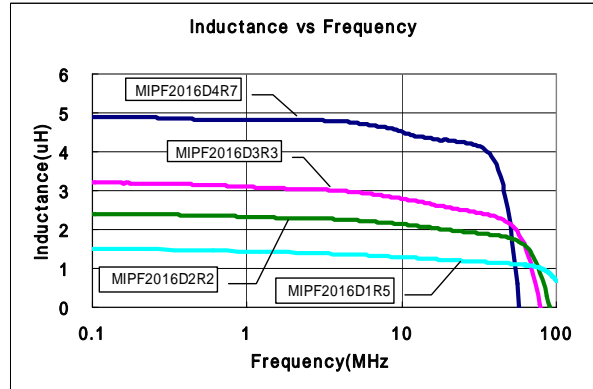
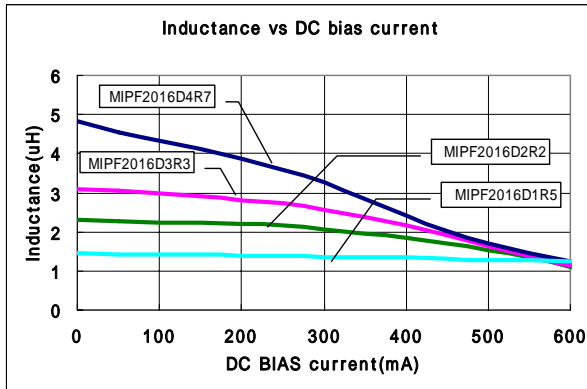
Applications

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

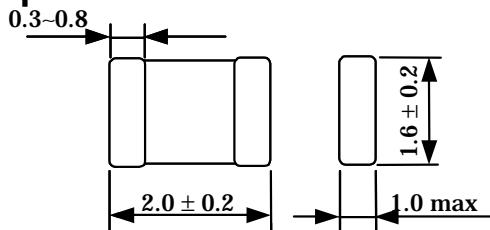
Specifications

Product name	MIPF2016D4R7	MIPF2016D3R3	MIPF2016D2R2	MIPF2016D1R5
Inductance(uH) at 1MHz	4.7 ± 30%	3.0 ± 30%	2.2 ± 30%	1.5 ± 30%
DC resistance(ohm)	0.16 ± 30%	0.13 ± 30%	0.11 ± 30%	0.11 ± 30%
Rated current(A) *1	0.9	1.0	1.1	1.1
Weight(mg)	20 max.			

*1: In case temperature rise to 40°C due to self-heating. Operating temperature range: -40~85°C

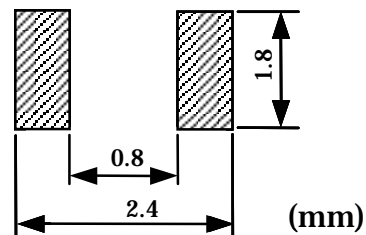


Shapes and Dimensions



Standard package : Emboss taping (reel)

Recommended land pattern



■ The description in this catalogue is subject to change without notice. As of Nov, 2007