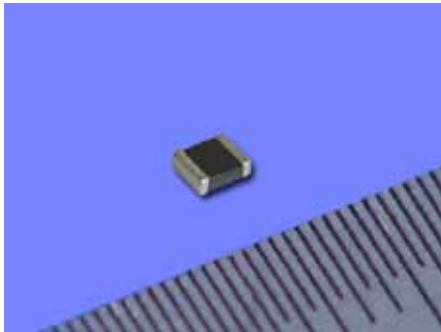


# Multi-layer Power Inductor : MIP series



## Features

- 1 mm in height: CAE and fine printing technology made this optimal low height 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

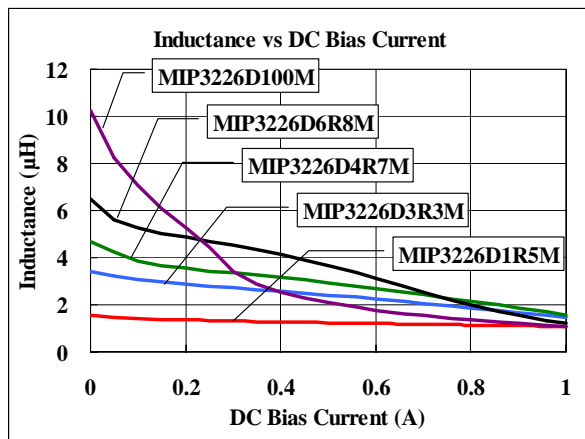
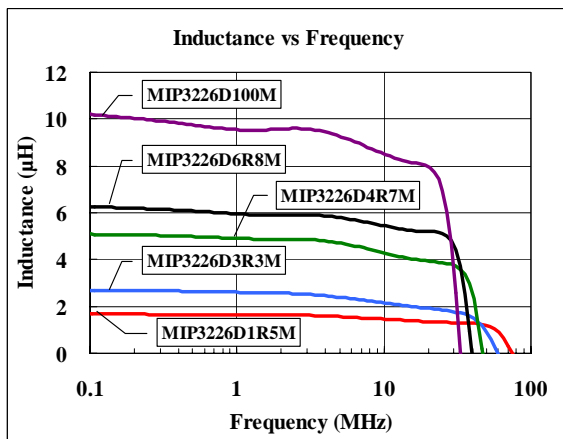
## Applications

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

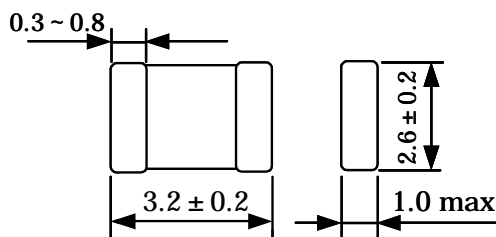
## Specifications

Product name	MIP3226D1R5M	MIP3226D3R3M	MIP3226D4R7M	MIP3226D6R8M	MIP3226D100M
Inductance ( $\mu$ H) at 1MHz	1.5 $\pm$ 20%	3.3 $\pm$ 20%	4.7 $\pm$ 20%	6.8 $\pm$ 20%	10.0 $\pm$ 20%
DC resistance ( $\Omega$ )	0.07 $\pm$ 30%	0.08 $\pm$ 30%	0.10 $\pm$ 30%	0.12 $\pm$ 30%	0.16 $\pm$ 30%
Rated current (A) *1	1.4	1.2	1.1	1.0	0.9
Weight (mg)	50 max.				

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

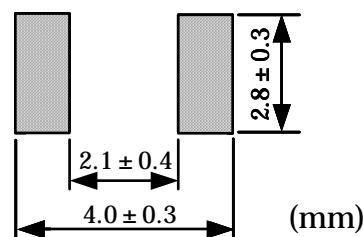


## Shapes and Dimensions



Standard package : Emboss taping (reel)

### Recommended land pattern



The description in this catalogue is subject to change without notice. As of April, 2004