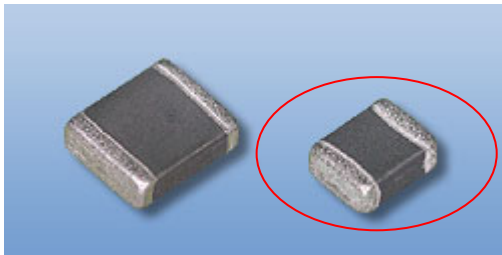


# Multi-layer Power Inductor : MIPF2520series (Small Size Type)



MIPseries

**MIPF2520series**

(3.2 x 2.6 x 1.0mm) (2.5 x 2.0 x 1.0mm)

## Features

- 2.5x2.0 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

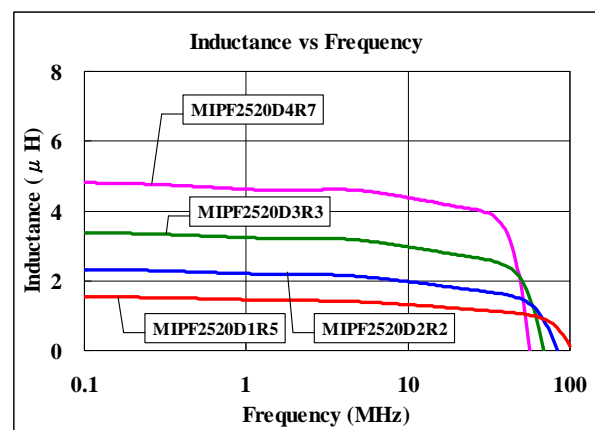
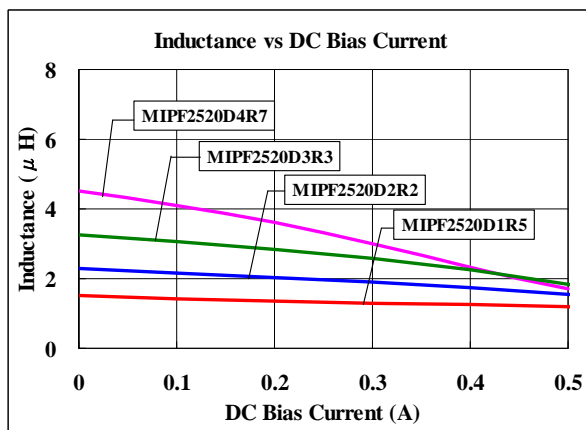
- DC-DC converters and power modules used for the following equipments. Compact electrical instruments such as cellular phones, DSC, DVC, PDA, DVD and HDD.

## Specifications

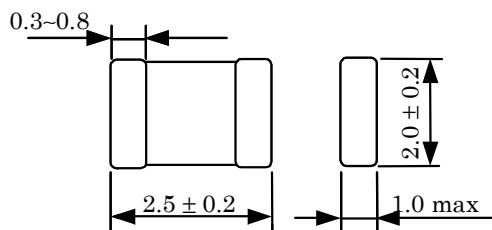
Product name	MIPF2520D4R7	MIPF2520D3R3	MIPF2520D2R2	MIPF2520D1R5
Inductance( $\mu$ H) at 1MHz	$4.7 \pm 30\%$	$3.3 \pm 30\%$	$2.2 \pm 30\%$	$1.5 \pm 30\%$
DC resistance( $\Omega$ )	$0.11 \pm 30\%$	$0.1 \pm 30\%$	$0.08 \pm 30\%$	$0.07 \pm 30\%$
Rated current(A) *1	1.1	1.2	1.3	1.5

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

Operating temperature range: -40~85°C

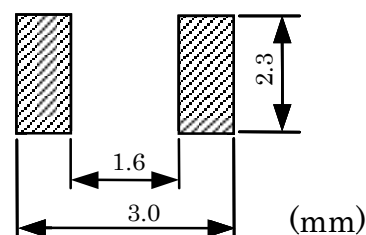


## Shapes and Dimensions



Standard package : Emboss taping (reel)

### Recommended land pattern



■ The description in this catalogue is subject to change without notice.

As of Apr, 2012