

# SPM Series

## SMT Power Metal Inductor

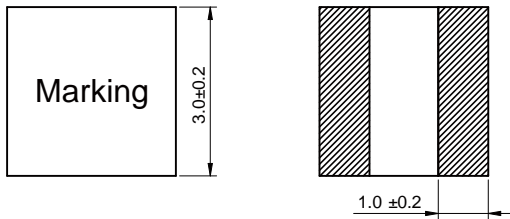
### Size 3006



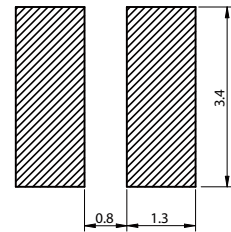
#### FEATURES

- Large current, Low DC-resistance, High efficiency by magnetic metal powder
- Low acoustic noise and low leakage flux noise by shielded construction
- Operating temperature: -40°C ~125°C
- Quantity: 1000 pcs/reel

#### Dimensions: [mm]



#### Land Pattern: [mm]



#### Electrical Properties:

Part No	Inductance (μH)	Tolerance	Temperature Rise Current Max. (A)	Saturation Current Max. (A)	DCR Max. (mΩ)	DCR Typ. (mΩ)
SPM3006-2R2M	2.2	± 20%	1.10	2.1	306	266
SPM3006-3R3M	3.3	± 20%	0.90	1.9	440	385
SPM3006-4R7M	4.7	± 20%	0.69	1.7	715	621

Inductance is measured at 100kHz, 1V

Temperature rise current: the actual value of DC current when the temperature rise is T40C

Saturation Current that will cause initial inductance to drop approximately 20%

#### Typical Electrical Characteristics:

