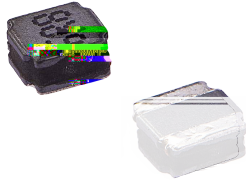
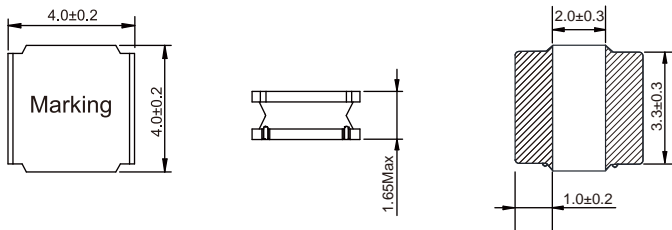


## SMD Shielded Tiny Power Inductor Size 4015

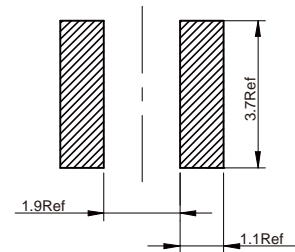


- Magnetic resin for higher current and semi-magnetically shielded
- Quantity: 3000pcs
- DC/DC converter
- LC filter

### Dimensions: [mm]



### Land Pattern: [mm]



### Electrical Properties:

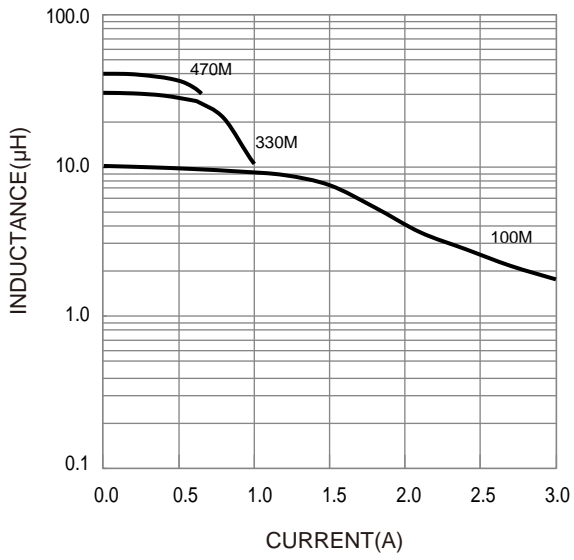
| Part Number   | Inductance (mH) | Inductance Tolerance (%) | DC Resistance (mΩ) | DC Resistance (mΩ) | Q Factor |
|---------------|-----------------|--------------------------|--------------------|--------------------|----------|
| NRSE4015-R50N | 0.50            | ±30%                     | 6.30               | 4.20               | 25.0     |
| NRSE4015-1R0N | 1.00            | ±30%                     | 3.30               | 2.50               | 35.0     |
| NRSE4015-1R5N | 1.50            | ±30%                     | 2.70               | 2.20               | 40.0     |
| NRSE4015-2R2M | 2.20            | ±20%                     | 2.10               | 2.00               | 53.0     |
| NRSE4015-3R3M | 3.30            | ±20%                     | 1.90               | 1.80               | 75.0     |
| NRSE4015-4R7M | 4.70            | ±20%                     | 1.45               | 1.35               | 100      |
| NRSE4015-6R8M | 6.80            | ±20%                     | 1.30               | 1.20               | 135      |
| NRSE4015-100M | 10.0            | ±20%                     | 1.10               | 1.00               | 200      |
| NRSE4015-150M | 15.0            | ±20%                     | 0.90               | 0.85               | 300      |
| NRSE4015-220M | 22.0            | ±20%                     | 0.72               | 0.68               | 400      |
| NRSE4015-330M | 33.0            | ±20%                     | 0.63               | 0.58               | 660      |
| NRSE4015-470M | 47.0            | ±20%                     | 0.55               | 0.45               | 975      |
| NRSE4015-680M | 68.0            | ±20%                     | 0.50               | 0.42               | 1600     |

Operating temperature: -40°C ~ +125°C

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 30%

## Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperature Rise VS. Current Characteristics:

