# NRSE Series

SMD Shielded Tiny Power Inductor
Size 4018

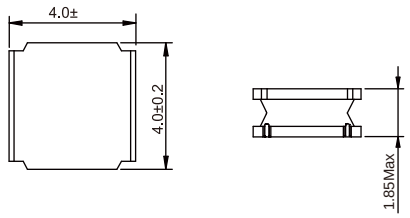
### CHARACTERISTICS

- Magne c resin for higher current and semi-magne cally shielded
- Quan ty: 3000pcs

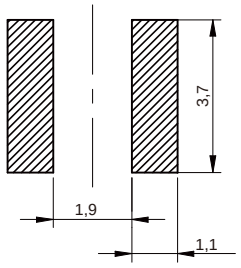
### APPLICATION

- DC/DC converter
- LC filter

## Dimensions: [mm]




## Land Pattern: [mm]




## Electrical Properties:

| Part No | Inductance @100KHz/0.25V (μH) | Tolerance | Satura on Current (A) | Temperature Rise Current (A) | DCR ±30% (mΩ) |
|---|---|---|---|---|---|
| NRSE4018-R56N | 0.56 | ±30% | 5.50 | 3.50 | 18 |
| NRSE4018-R68N | 0.68 | ±30% | 4.90 | 3.20 | 18 |
| NRSE4018-1R0N | 1.0 | ±30% | 4.50 | 2.50 | 23 |
| NRSE4018-1R2N | 1.2 | ±30% | 4.30 | 2.40 | 28 |
| NRSE4018-1R5N | 1.5 | ±30% | 3.35 | 2.34 | 33 |
| NRSE4018-1R8N | 1.8 | ±30% | 3.00 | 2.00 | 44 |
| NRSE4018-2R2M | 2.2 | ±20% | 2.70 | 2.00 | 44 |
| NRSE4018-3R3M | 3.3 | ±20% | 2.45 | 1.90 | 70 |
| NRSE4018-4R7M | 4.7 | ±20% | 1.70 | 1.70 | 90 |
| NRSE4018-5R6M | 5.6 | ±20% | 1.60 | 1.50 | 103 |
| NRSE4018-6R8M | 6.8 | ±20% | 1.45 | 1.30 | 124 |
| NRSE4018-8R2M | 8.2 | ±20% | 1.40 | 1.15 | 180 |
| NRSE4018-100M | 10 | ±20% | 1.30 | 1.10 | 200 |
| NRSE4018-120M | 12 | ±20% | 1.15 | 0.95 | 230 |
| NRSE4018-150M | 15 | ±20% | 0.94 | 0.92 | 268 |
| NRSE4018-180M | 18 | ±20% | 0.86 | 0.85 | 320 |



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