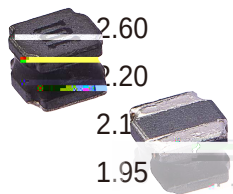




**NRSE Series**  
**SMD Shielded Tiny Power Inductor**  
**Size 4030**



**CHARACTERISTICS**

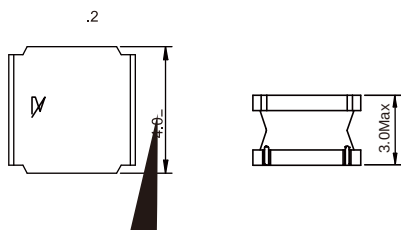
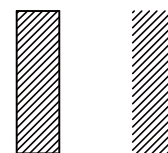
- Magnetic resin for higher current and semi-magnetically shielded
- Different sizes from 2mm to 8mm in square shape
- Quantity: 2000pcs

**APPLICATION**

- DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



**Electrical Properties:**

| Inductor Code | Inductance (μH) | Inductance Tolerance (%) | DC Resistance (mΩ) | Q Factor | Self-Resonant Frequency (MHz) |
|---------------|-----------------|--------------------------|--------------------|----------|-------------------------------|
| NRSE4030-R47N | 0.47            | ±30%                     |                    |          |                               |
| NRSE4030-R56N | 0.56            | ±30%                     |                    |          |                               |
| NRSE4030-1R0N | 1.00            | ±30%                     |                    |          |                               |
| NRSE4030-1R5N | 1.50            | ±30%                     |                    |          |                               |
| NRSE4030-1R8N | 1.80            | ±30%                     |                    |          |                               |
| NRSE4030-2R2M | 2.20            | ±20%                     |                    |          |                               |
| NRSE4030-3R3M | 3.30            | ±20%                     |                    |          |                               |
| NRSE4030-3R6M | 3.60            | ±20%                     |                    |          |                               |
| NRSE4030-3R9M | 3.90            | ±20%                     |                    |          |                               |
| NRSE4030-4R7M | 4.70            | ±20%                     |                    |          |                               |
| NRSE4030-5R6M | 5.60            | ±20%                     |                    |          |                               |
| NRSE4030-6R8M | 6.80            | ±20%                     |                    |          |                               |
| NRSE4030-7R5M | 7.50            | ±20%                     |                    |          |                               |
| NRSE4030-8R2M | 8.20            | ±20%                     |                    |          |                               |
| NRSE4030-100M | 10.0            | ±20%                     |                    |          |                               |
| NRSE4030-120M | 12.0            | ±20%                     |                    |          |                               |
| NRSE4030-150M | 15.0            | ±20%                     |                    |          |                               |
| NRSE4030-180M | 18.0            | ±20%                     |                    |          |                               |
| NRSE4030-220M | 22.0            | ±20%                     |                    |          |                               |

