**NRSE Series**
SMD Shielded Tiny Power Inductor
Size 6028

**CHARACTERISTICS**

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**APPLICATION**

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Dimensions: [mm]

Land Pattern: [mm]

Electrical Properties:



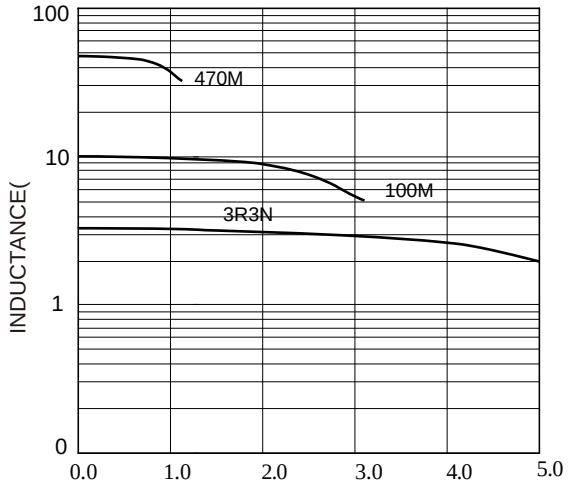
KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

| Part No | Inductance @100KHz/0.25V (μH) | Tolerance | Satura on current (A) | Temperature Rise Current (A) | DCR ±30% (mΩ) |
|---|---|---|---|---|---|
| NRSE6028-390M | 39 | ±20% | 1.25 | 1.10 | 225 |
| NRSE6028-470M | 47 | ±20% | 1.15 | 1.05 | 280 |
| NRSE6028-680M | 68 | ±20% | 0.95 | 0.85 | 420 |
| NRSE6028-820M | 82 | ±20% | 0.80 | 0.70 | 550 |
| NRSE6028-101M | 100 | ±20% | 0.65 | 0.60 | 670 |
| NRSE6028-121M | 120 | ±20% | 0.62 | 0.58 | 820 |

Opera ng temperature : -40℃ ~ +125℃
Temperature rise current: the actual value of DC current when the temperature rise is ΔT40℃
Satura on Current that will cause ini al inductance to drop approximately 30%

## Typical Electrical Characteristics:

Inductance VS. Current Characteristics:




Temperture Rise VS. Current Characteristics:

