

**NRSE Series**  
**SMD Shielded Tiny Power Inductor**  
**Size 5040**

**CHARACTERISTICS**

- Magnetic resin for higher current and semi-magnetically shielded
- Quantity: 1500pcs

**APPLICATION**

- DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



**Electrical Properties:**

Inductance: A

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			(A)	Temperature (A)	DCR ±30%
NRSE5040-390M	39.0	±20%	1.20	1.10	225
NRSE5040-470M	47.0	±20%	1.10	1.00	270
NRSE5040-560M	56.0	±20%	1.00	0.90	375
NRSE5040-680M	68.0	±20%	0.90	0.80	400
NRSE5040-101M	100	±20%	0.75	0.70	560
NRSE5040-221M	220	±20%	0.45	0.40	1200
NRSE5040-471M	470	±20%	0.40	0.30	2800

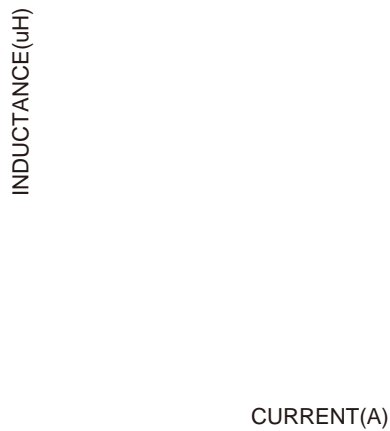
Operating temperature : -40C ~ +125C

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:

