

NRSE Series
SMD Shielded Tiny Power Inductor
Size 4020

CHARACTERISTICS

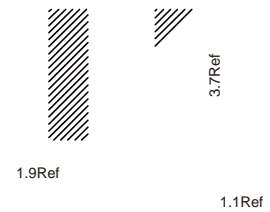
- Magnetic resin for higher current and semi-magnetically shielded
- Quantity: 3000pcs

APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

	Inductance @100KHz/0.25V		Current	Temperature Rise Current	DCR ±30%
NRSE4020-220M	22	±20%	1.05	0.62	350
NRSE4020-330M	33	±20%	0.85	0.49	500
NRSE4020-470M	47	±20%	0.74	0.44	710
NRSE4020-560M	56	±20%	0.68	0.40	800
NRSE4020-680M	68	±20%	0.60	0.35	1250

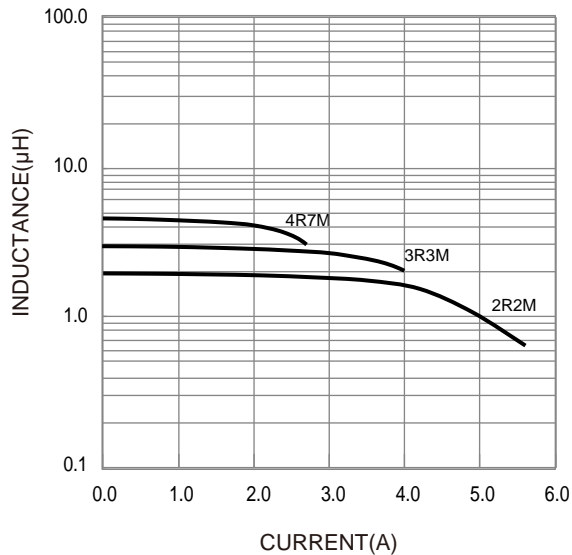
Operating temperature: -40°C ~ +125°C

Temperature rise current: the actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Saturation Current that will cause initial inductance to drop approximately 30%

Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperature Rise VS. Current Characteristics:

