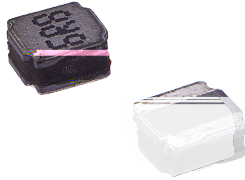


NRSE Series

SMD Shielded Tiny Power Inductor

Size 4015



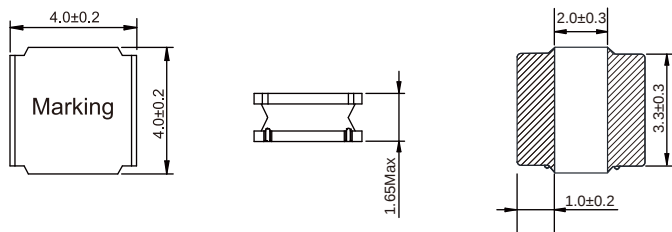
CHARACTERISTICS

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

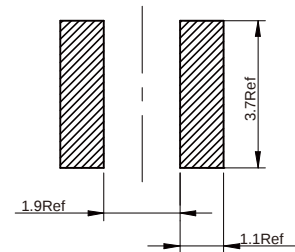
APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	(μ H)	Tolerance	Saturation (A)	(A)	(m Ω)
NRSE4015-R50N	0.50	$\pm 30\%$	6.30	4.20	25.0
NRSE4015-1R0N	1.00	$\pm 30\%$	3.30	2.50	35.0
NRSE4015-1R5N	1.50	$\pm 30\%$	2.70	2.20	40.0
NRSE4015-2R2M	2.20	$\pm 20\%$	2.10	2.00	53.0
NRSE4015-3R3M	3.30	$\pm 20\%$	1.90	1.80	75.0
NRSE4015-4R7M	4.70	$\pm 20\%$		1.35	100
NRSE4015-6R8M	6.80	$\pm 20\%$	1.30	1.20	135
NRSE4015-100M	10.0	$\pm 20\%$	1.10	1.00	200
NRSE4015-150M	15.0	$\pm 20\%$	0.90	0.85	300
NRSE4015-220M	22.0	$\pm 20\%$	0.72	0.68	400
NRSE4015-330M	33.0	$\pm 20\%$	0.63	0.58	660
NRSE4015-470M	47.0	$\pm 20\%$	0.55	0.45	
NRSE4015-680M	68.0	$\pm 20\%$	0.50	0.42	1600

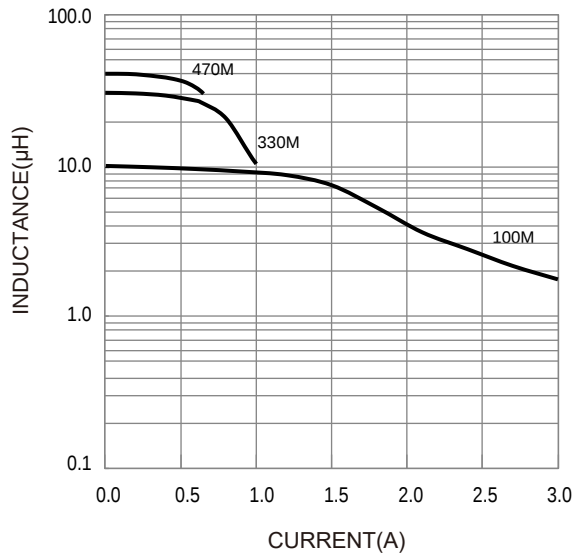
Operating temperature : -40°C ~ +125°C

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:

