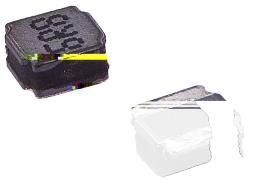
NRSE Series

SMD Shielded Tiny Power Inductor
Size 4018



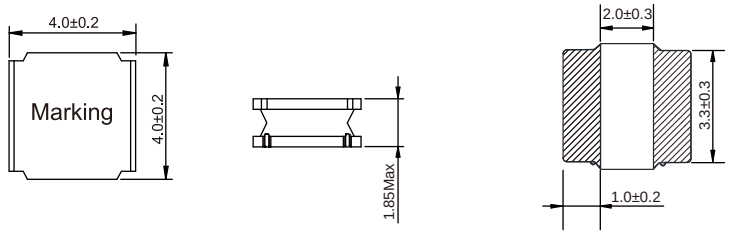
CHARACTERISTICS

- Magne c resin for higher current and semi-magne cally shielded
- Quan ty: 3000pcs

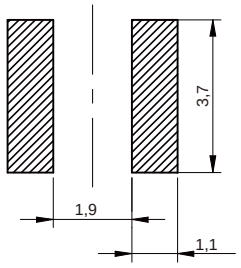
APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

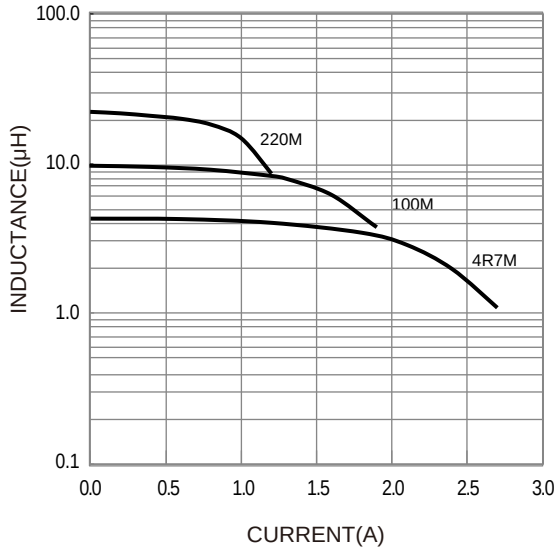
	Inductance @100KHz/0.25V		Current	Temperature Rise Current	DCR ±30%
NRSE4018-R56N	0.56	±30%	5.50	3.50	18
NRSE4018-R68N	0.68	±30%	4.90	3.20	18
NRSE4018-1R0N	1.0	±30%	4.50	2.50	23
NRSE4018-1R2N	1.2	±30%	4.30	2.40	28
NRSE4018-1R5N	1.5	±30%	3.35	2.34	33
NRSE4018-1R8N	1.8	±30%	3.00	2.00	44
NRSE4018-2R2M	2.2	±20%	2.70	2.00	44
NRSE4018-3R3M	3.3	±20%	2.45	1.90	70
NRSE4018-4R7M	4.7	±20%	1.70	1.70	90
NRSE4018-5R6M	5.6	±20%	1.60	1.50	103
NRSE4018-6R8M	6.8	±20%	1.45	1.30	124
NRSE4018-8R2M	8.2	±20%	1.40	1.15	180
NRSE4018-100M	10	±20%	1.30	1.10	200
NRSE4018-120M	12	±20%	1.15	0.95	230
NRSE4018-150M	15	±20%	0.94	0.92	268
NRSE4018-180M	18	±20%	0.86	0.85	320

	Inductance @100KHz/0.25V		Current	Temperature Rise Current	DCR ±30%
NRSE4018-220M	22	±20%	0.80	0.80	390
NRSE4018-330M	33	±20%	0.65	0.60	560
NRSE4018-470M	47	±20%	0.57	0.50	850

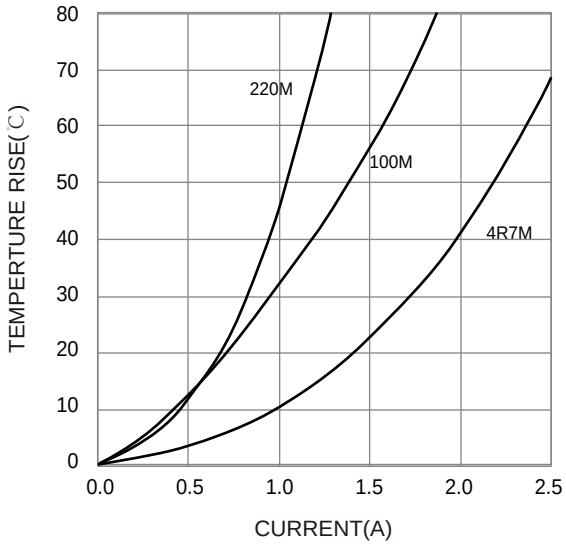
Opera ng temperature : -40℃ ~ +125℃
Temperature rise current: the actual value of DC current when the temperature rise is ΔT40℃
Satura on Current that will cause ini al inductance to drop approximately 30%

Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperture Rise VS. Current Characteristics:



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