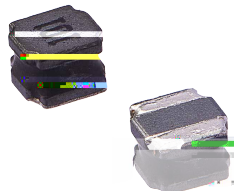




NRSE Series

SMD Shielded Tiny Power Inductor

Size 4030



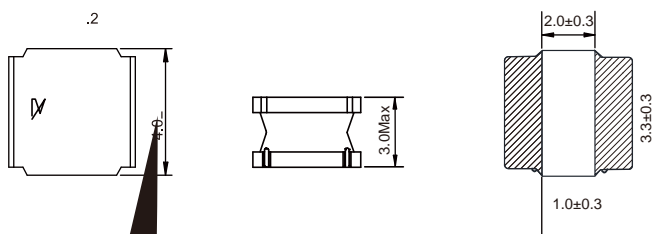
CHARACTERISTICS

- Magnetic resin for higher current and semi-magnetically shielded
- Different sizes from 2mm to 8mm in square shape
- Quantity: 2000pcs

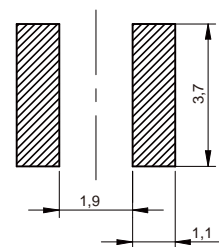
APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No.	Inductance @100KHz/0.25V (μ H)	Tolerance	Saturation Current (A)	Temperature Rise Current (A)	DCR \pm 30% (m Ω)
NRSE4030-R47N	0.47	\pm 30%	7.50	4.00	11.0
NRSE4030-R56N	0.56	\pm 30%	6.00	4.00	14.0
NRSE4030-1R0N	1.00	\pm 30%	5.90	3.40	15.0
NRSE4030-1R5N	1.50	\pm 30%	4.85	3.30	25.0
NRSE4030-1R8N	1.80	\pm 30%	4.25	3.20	30.0
NRSE4030-2R2M	2.20	\pm 20%	4.10	2.95	35.0
NRSE4030-3R3M	3.30	\pm 20%	3.30	2.40	40.0
NRSE4030-3R6M	3.60	\pm 20%	3.10	2.30	53.0
NRSE4030-3R9M	3.90	\pm 20%	3.00	2.10	57.0
NRSE4030-4R7M	4.70	\pm 20%	2.90	2.00	60.0
NRSE4030-5R6M	5.60	\pm 20%	2.75	1.95	70.0
NRSE4030-6R8M	6.80	\pm 20%	2.60	1.70	75.0
NRSE4030-7R5M	7.50	\pm 20%	2.20	1.65	90.0
NRSE4030-8R2M	8.20	\pm 20%	2.10	1.60	100
NRSE4030-100M	10.0	\pm 20%	1.95	1.50	115
NRSE4030-120M	12.0	\pm 20%	1.70	1.35	140
NRSE4030-150M	15.0	\pm 20%	1.65	1.15	190
NRSE4030-180M	18.0	\pm 20%	1.40	1.10	215
NRSE4030-220M	22.0	\pm 20%	1.30	1.00	225

