

NRSE Series

SMD Shielded Tiny Power Inductor

Size 4015



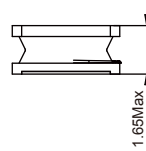
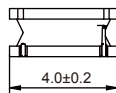
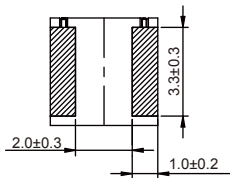
CHARACTERISTICS

- Magnetic resin for higher current and semi-magnetically shielded
- Different sizes from 2mm to 8mm in square shape
- Quantity: 3000pcs

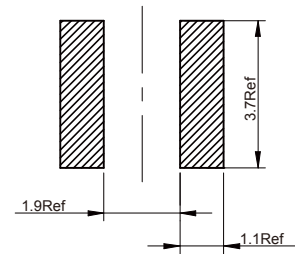
APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance (μH)	Tolerance	Saturation current (A)	Temperature Rise Current (A)	DCR ±30% (mΩ)
NRSE4015-1R0N	1.0	±30%	3.3	2.5	35
NRSE4015-1R5N	1.5	±30%	2.7	2.2	40
NRSE4015-2R2M	2.2	±20%	2.1	2.0	53
NRSE4015-3R3M	3.3	±20%	1.9	1.8	75
NRSE4015-4R7M	4.7	±20%	1.45	1.35	100
NRSE4015-6R8M	6.8	±20%	1.3	1.20	135
NRSE4015-100M	10	±20%	1.1	1.00	200
NRSE4015-150M	15	±20%	0.9	0.85	300
NRSE4015-220M	22	±20%	0.72	0.68	400
NRSE4015-330M	33	±20%	0.63	0.58	660
NRSE4015-470M	47	±20%	0.55	0.45	975
NRSE4015-680M	68	±20%	0.5	0.42	1600

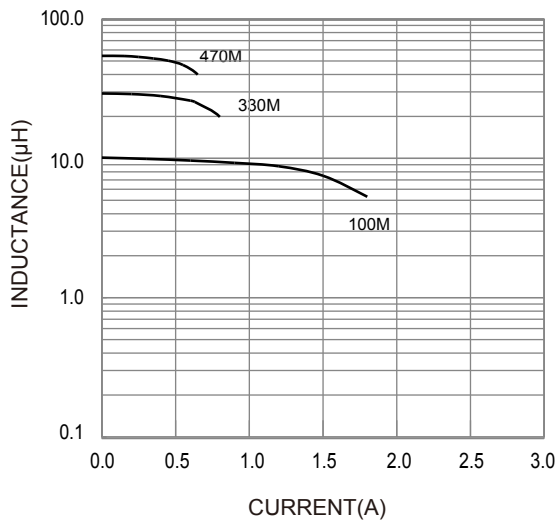
Operating temperature : -40 °C ~ +125 °C

Temperature rise current: the actual value of DC current when the temperature rise is ΔT40 °C

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

Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperture Rise VS. Current Characteristics:

