NRSE Series
SMD Shielded Tiny Power Inductor
Size 6028

CHARACTERISTICS

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APPLICATION

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Dimensions: [mm]

Land Pattern: [mm]

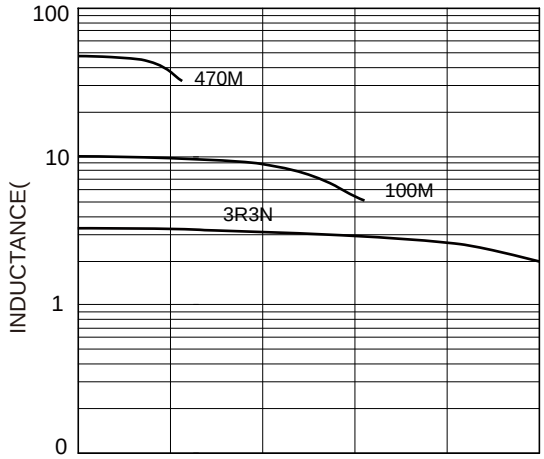
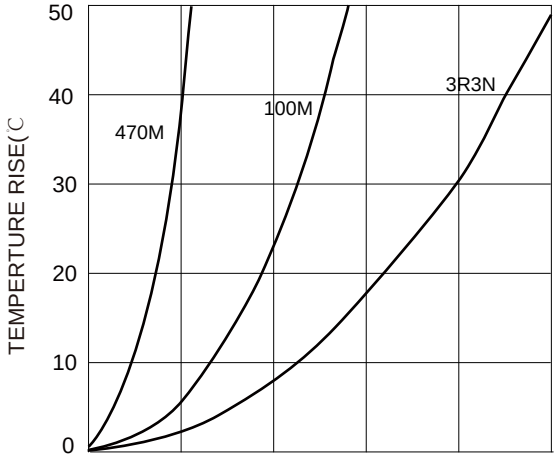
Electrical Properties:

Part No	Inductance @100KHz/0.25V (μH)	Tolerance	Satura on current (A)	Temperature Rise Current (A)	DCR ±30% (mΩ)
NRSE6028-390M	39	±20%	1.25	1.10	225
NRSE6028-470M	47	±20%	1.15	1.05	280
NRSE6028-680M	68	±20%	0.95	0.85	420
NRSE6028-820M	82	±20%	0.80	0.70	550
NRSE6028-101M	100	±20%	0.65	0.60	670
NRSE6028-121M	120	±20%	0.62	0.58	820

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: