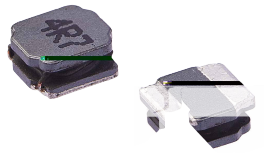
NRSE Series

SMD Shielded Tiny Power Inductor

Size 6028



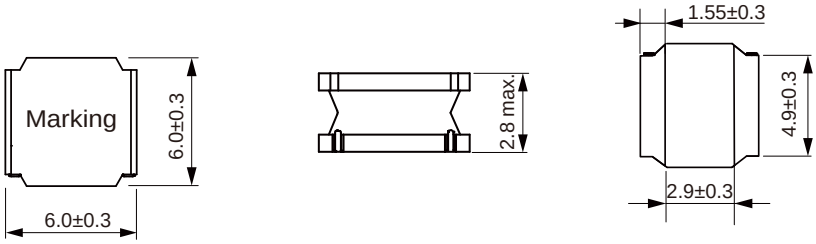
CHARACTERISTICS

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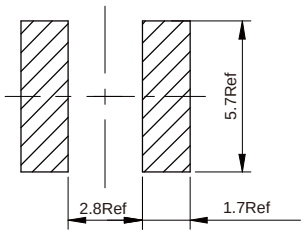
APPLICATION

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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)
		±30%	6.70	4.60	12
	1.2	±30%	6.50	4.30	16
	1.5	±30%	6.00	4.30	16
	1.8	±30%	5.30	4.10	19
	2.2	±30%	5.10	3.75	20
	3.3	±30%	3.63	3.40	25
	4.7	±30%	3.00	3.00	33
	5.6	±30%	2.80	2.45	45
	6.8	±20%	2.60	2.40	56
	8.2	±20%	2.40	2.25	68
	10	±20%	2.05	1.90	78
	12	±20%	1.80	1.70	88
	15	±20%	1.75	1.50	125
	18	±20%	1.55	1.45	130
	22	±20%	1.45	1.40	140
	27	±20%	1.40	1.30	180
	33	±20%	1.35	1.10	220

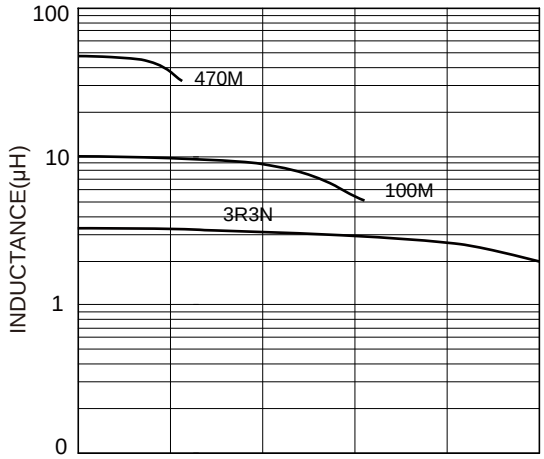
Part No	Inductance @100KHz/0.25V (μH)	Tolerance	Satura on current (A)	Temperature Rise Current (A)	DCR ±30% (mΩ)
	39	±20%	1.25	1.10	225
	47	±20%	1.15	1.05	280
	68	±20%	0.95	0.85	420
	82	±20%	0.80	0.70	550
	100	±20%	0.65	0.60	670
	120	±20%	0.62	0.58	820

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Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperture Rise VS. Current Characteristics:

