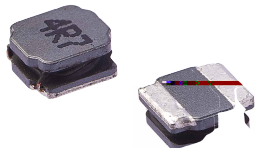


NRSE Series

SMD Shielded Tiny Power Inductor

Size 6028



CHARACTERISTICS

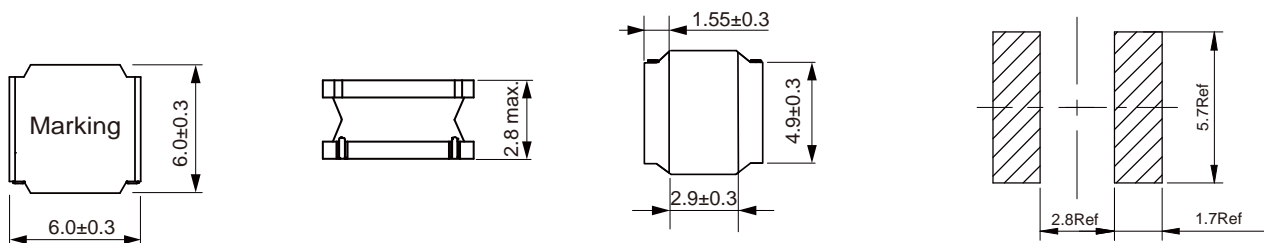
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APPLICATION

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Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

Part No	(μ H)	Tolerance	Satura on (A)	(A)	(m)
		$\pm 30\%$	6.70	4.60	12
	1.2	$\pm 30\%$	6.50	4.30	16
	1.5	$\pm 30\%$	6.00	4.30	16
	1.8	$\pm 30\%$	5.30	4.10	19
	2.2	$\pm 30\%$	5.10	3.75	20
	3.3	$\pm 30\%$	3.63	3.40	25
	4.7	$\pm 30\%$	3.00	3.00	33
	5.6	$\pm 30\%$	2.80	2.45	45
	6.8	$\pm 20\%$	2.60	2.40	56
	8.2	$\pm 20\%$	2.40	2.25	68
	10	$\pm 20\%$	2.05	1.90	78
	12	$\pm 20\%$	1.80	1.70	88
	15	$\pm 20\%$	1.75	1.50	125
	18	$\pm 20\%$	1.55	1.45	130
	22	$\pm 20\%$	1.45	1.40	140
	27	$\pm 20\%$	1.40	1.30	180
	33	$\pm 20\%$	1.35	1.10	220

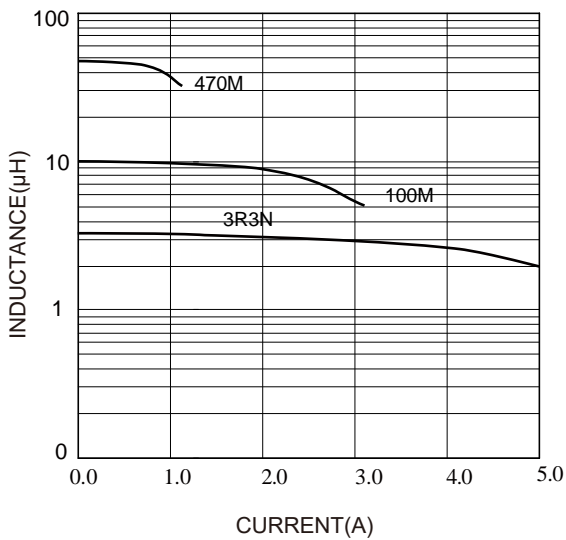
Part No	(μ H)	Tolerance	Satura on (A)	(A)	(m)
	39	$\pm 20\%$	1.25	1.10	225
	47	$\pm 20\%$	1.15	1.05	280
	68	$\pm 20\%$	0.95	0.85	420
	82	$\pm 20\%$	0.80	0.70	550
	100	$\pm 20\%$	0.65	0.60	670
	120	$\pm 20\%$	0.62	0.58	820

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Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperature Rise VS. Current Characteristics:

