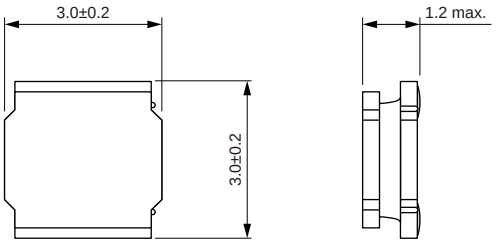
NRSM Series

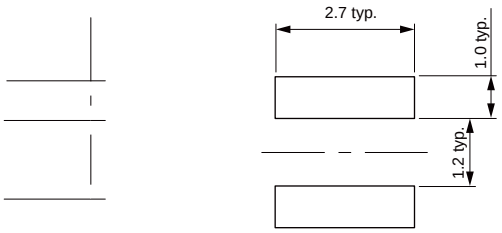
Wire Wound SMD Power Inductor

Size 3012

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

						Satura on (Ω)	Satura on (Ω)
	±20%	4.80	4.20	10.0	9.30	0.020	0.026
	±20%	4.80	4.10	8.90	7.20	0.024	0.032
	±20%	4.20	3.80	8.00	6.80	0.031	0.040
	±20%	3.60	3.10	6.80	5.80	0.038	0.046
	±20%	3.10	2.70	5.40	4.20	0.046	0.054
	±20%	2.90	2.50	4.10	3.40	0.062	0.074
	±20%	2.35	2.05	3.35	2.80	0.090	0.108
	±20%	1.80	1.50	2.60	2.20	0.144	0.185
	±20%	1.35	1.15	2.50	2.00	0.215	0.255
	±20%	1.25		1.90	1.60	0.290	0.340
	±20%	1.15		1.45	1.20	0.395	0.474
	±20%	0.60		1.30	1.10	0.610	0.740
	±20%	0.46		1.15	0.96	0.960	1.200

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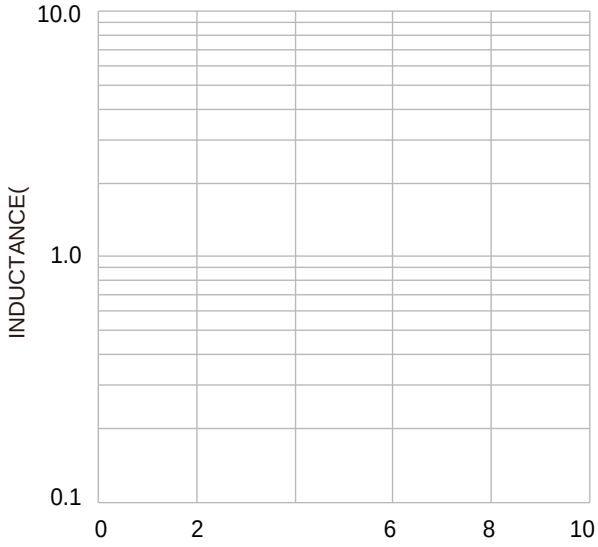
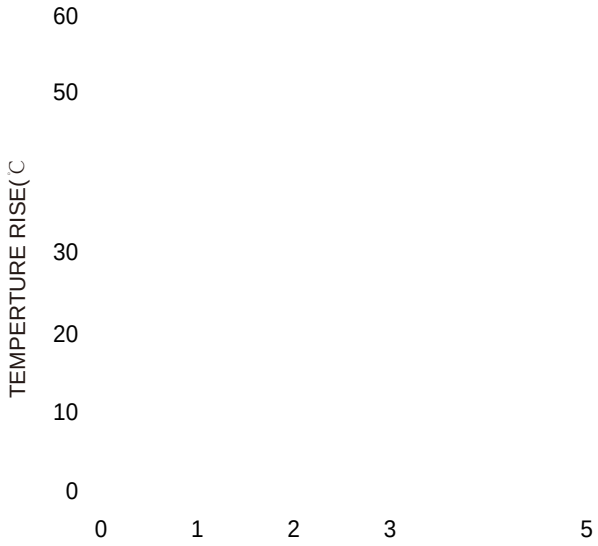
Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperture Rise VS. Current Characteristics:



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