

NRSM Series

Wire Wound SMD Power Inductor

Size 3020



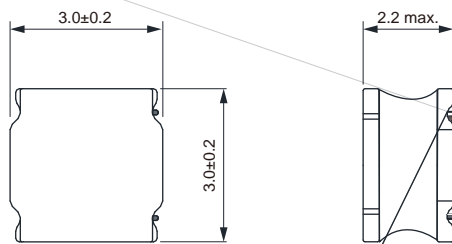
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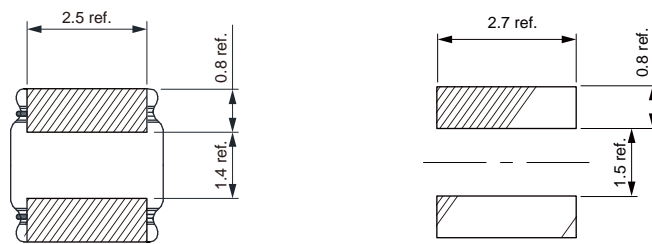
APPLICATION

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Dimensions: [mm]



Land Pattern: [mm]



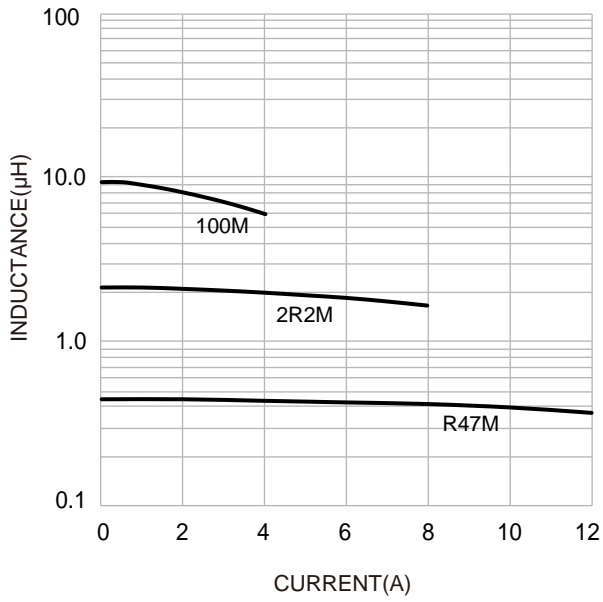
Electrical Properties:

Part No	Inductance @ 1MHz/1V	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Current Typ. (A)	Current Max. (A)	DC Resistance Typ.	DC Resistance Max.
NRSM3020S-R24M	0.24	±20%	7.1	6.0	14.5	12.5	0.016	0.020
NRSM3020S-R47M	0.47	±20%	7.0	5.8	12.5	11.0	0.019	0.024
NRSM3020S-1R0M	1.00	±20%	5.2	4.5	10.0	8.00	0.036	0.045
NRSM3020S-2R2M	2.20	±20%	3.0	2.5	6.00	5.30	0.068	0.090
NRSM3020S-3R3M	3.30	±20%	2.8	2.3	5.50	4.60	0.099	0.128

Saturation Current that will cause initial inductance to drop approximately 30%
 Temperature Rise Current: For max value, T<40 °C ; For Typ value, T is approximate 40 °C .

Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperature Rise VS. Current Characteristics:

