

NRSA Series

SMD Power Inductors For Automotive

Size 3015

FEATURES

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- A 10x10 grid with 18 squares containing a question mark '?' and 12 empty squares. The question marks are located at the following (row, column) coordinates: (1, 2), (1, 9), (2, 8), (3, 1), (3, 4), (3, 7), (3, 9), (4, 3), (4, 6), (4, 10), (5, 2), (5, 5), (5, 8), (6, 1), (6, 4), (6, 7), (6, 9), (7, 3), (7, 6), (7, 9), (8, 2), (8, 5), (8, 8), (9, 1), (9, 4), (9, 7), (9, 9), (10, 2), (10, 5), (10, 8), (10, 10).

APPLICATION

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Dimensions: [mm]

Land Patter

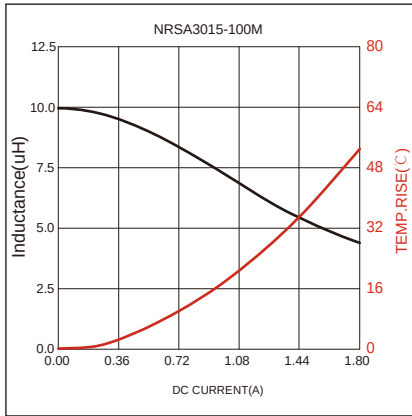
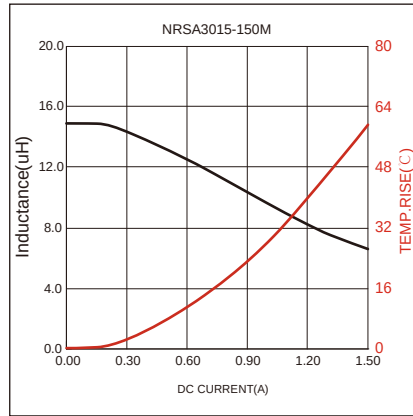
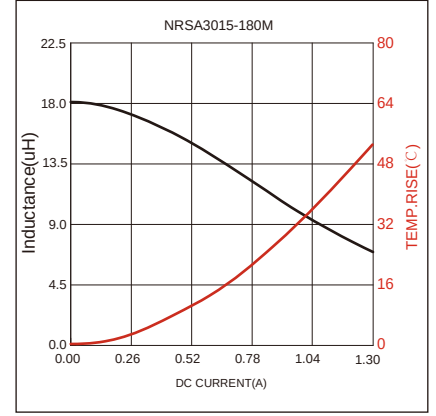
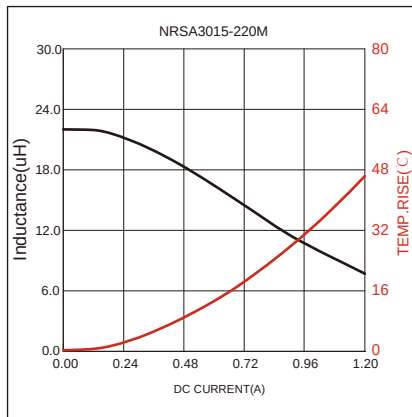
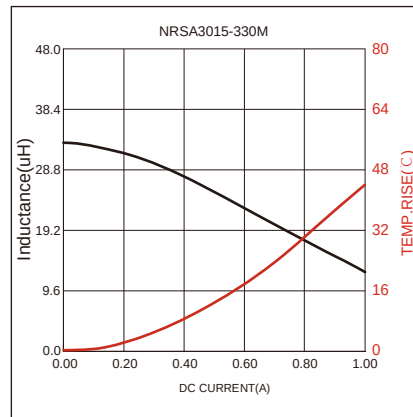
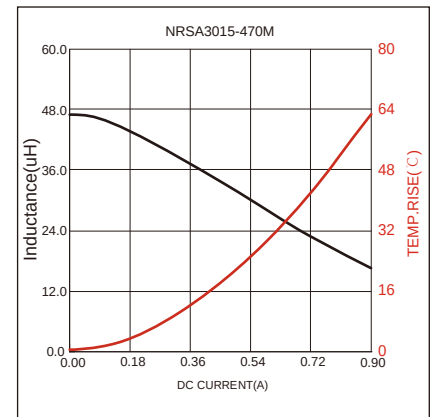
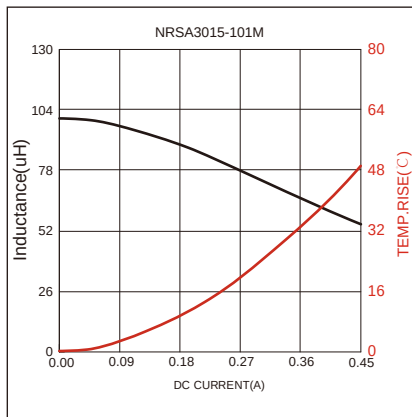
Electrical Properties:

Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Max.	Current Max.	DC Resistance Typ.	DC Resistance Max.
	?					
	?					
	?					
	?					
	?					
	?					

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Typical Electrical Characteristics:



Soldering Reflow:

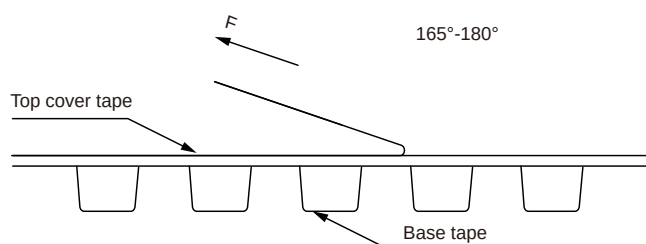
Packaging Information:

Tape Dimension :



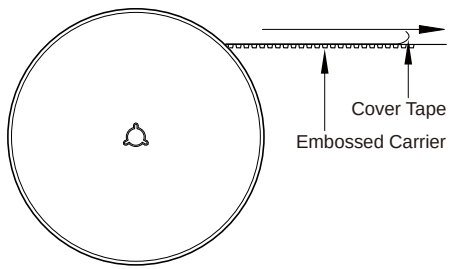
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSA3015	3.4 ± 0.1	3.4 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.3	1.7 ± 0.1	1.75 ± 0.1	0.23 ± 0.1

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.1 to 0.98 N

Reel Dimension: [mm]



Packaging Quantity: