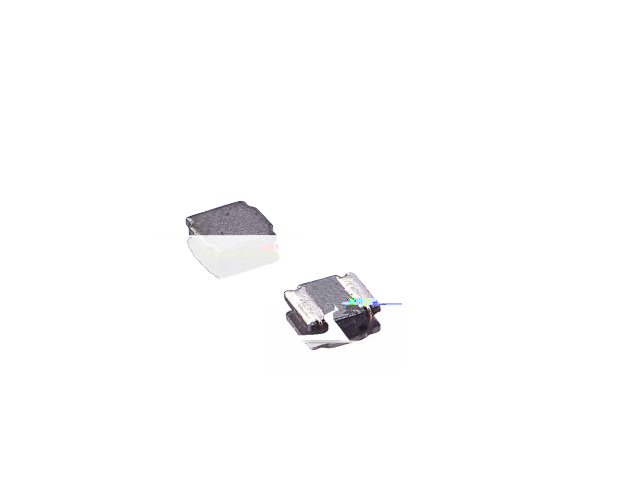


NRSA Series

SMD Power Inductors For Automotive

Size 3015



FEATURES

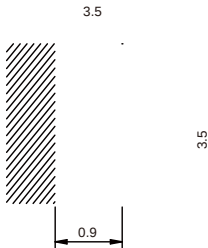
- High Power Inductor
- High Temperature
- High Reliability
- High Efficiency
- High Precision
- High Stability

APPLICATION

- Automotive Powertrain
- Industrial Power Supply
- Consumer Electronics
- Telecommunications
- Aerospace
- Medical

Dimensions: [mm]

Land Pattern: [mm]



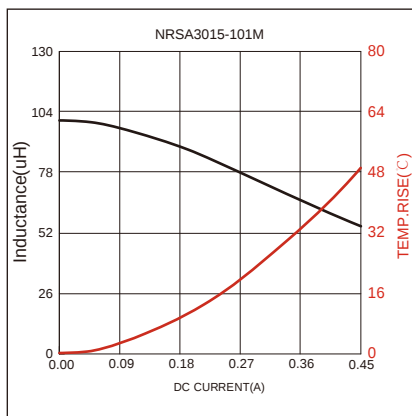
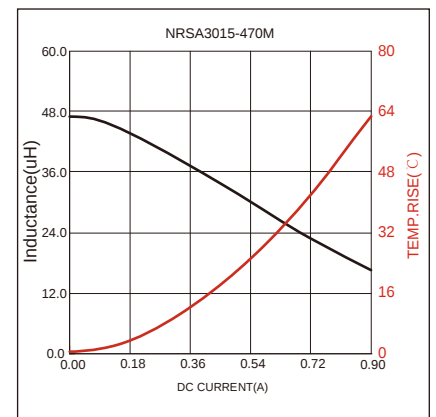
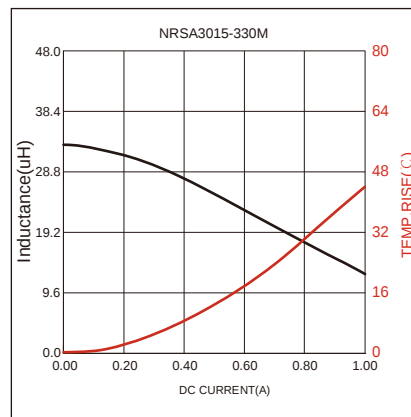
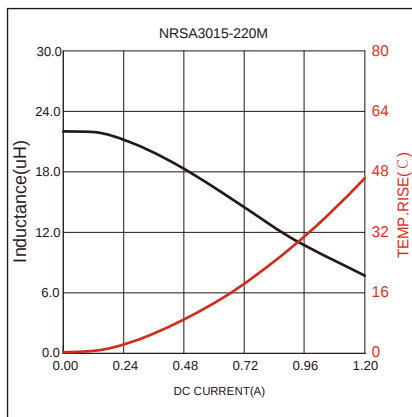
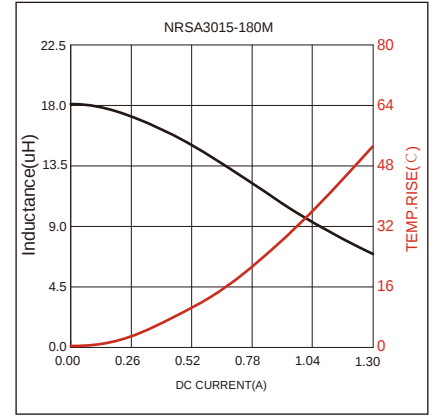
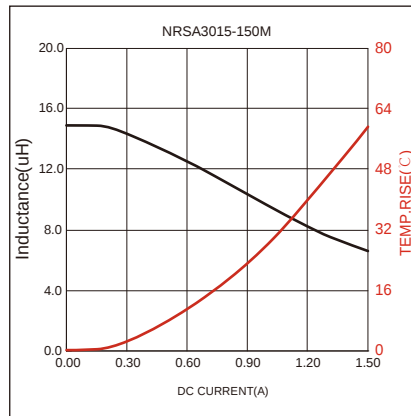
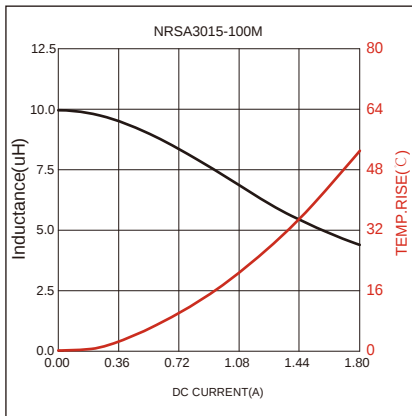
Electrical Properties:

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 $\Delta T=40^{\circ}C$



Typical Electrical Characteristics:



Soldering Reflow:



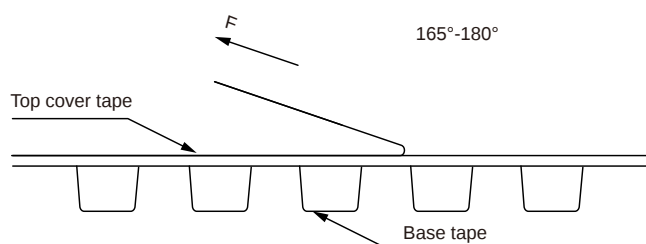
Packaging Information:

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

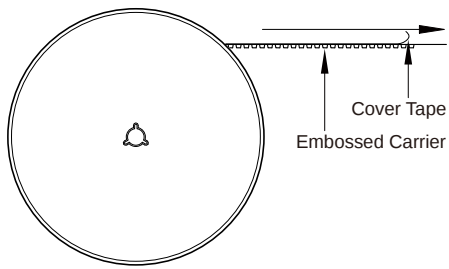
Peel force of top cover tape:



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



Reel Dimension: [mm]



Packaging Quantity: