

NRSA Series

SMD Power Inductors For Automotive

Size 4018B

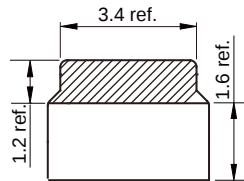
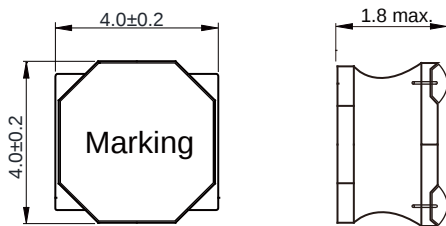
FEATURES

- Magnetic shield type wound inductor for power circuits using a ferrite magnetic material
- High magnetic shield construction and compatible with high-density mounting.
- Larger current and lower Rdc were achieved by optimizing the ferrite core figure.
- Operating temperature: -55 to +125°C (including self-temperature rise)
- AEC-Q200 qualified
- Quantity: 3000pcs

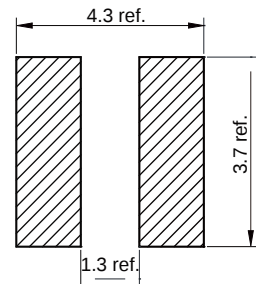
APPLICATION

▪

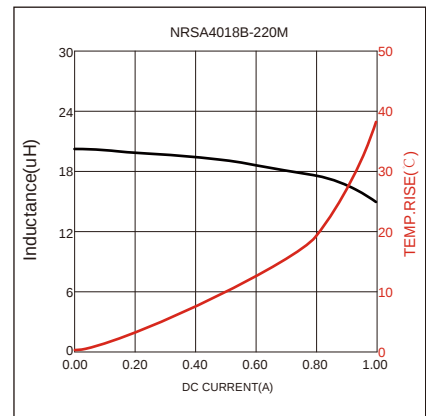
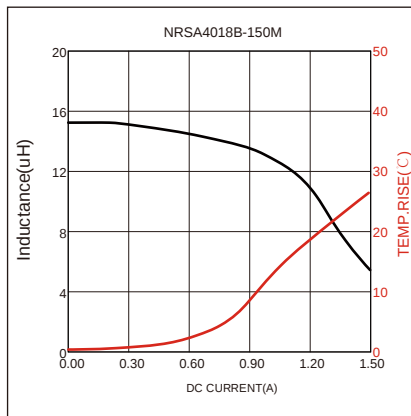
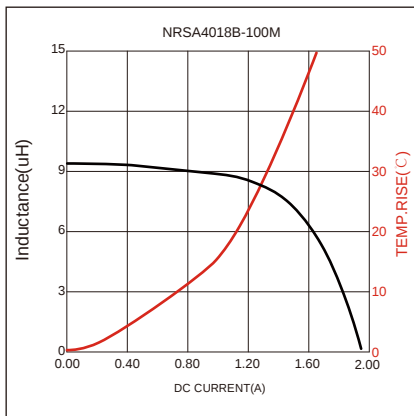
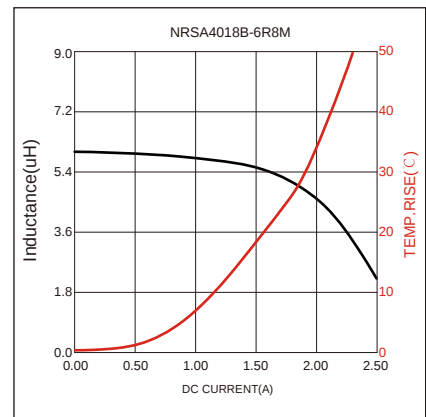
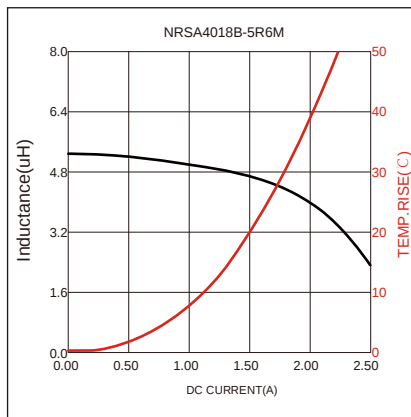
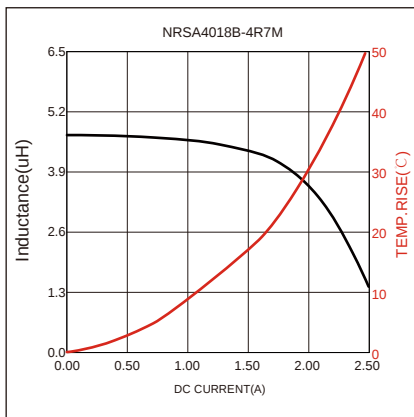
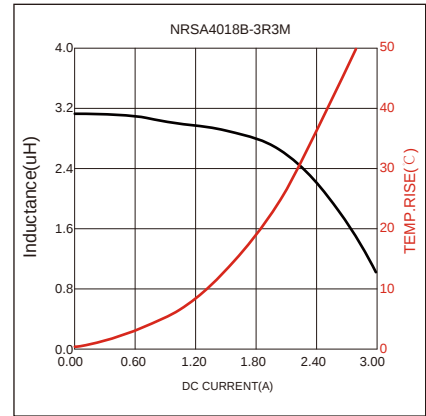
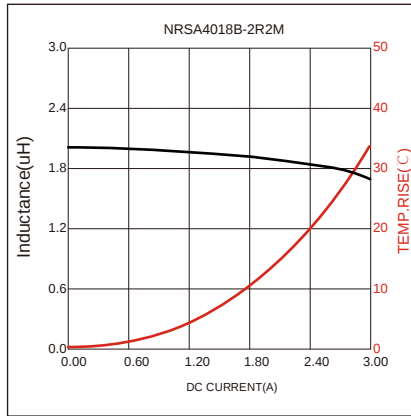
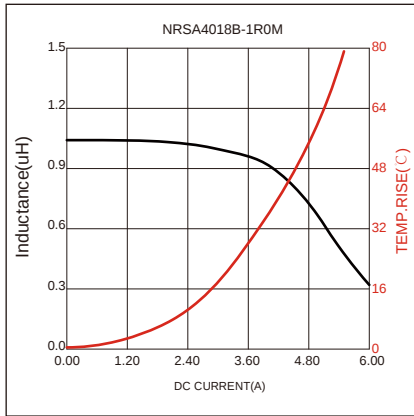
Dimensions: [mm]



Land Pattern: [mm]



Typical Electrical Characteristics:



Soldering Reflow:

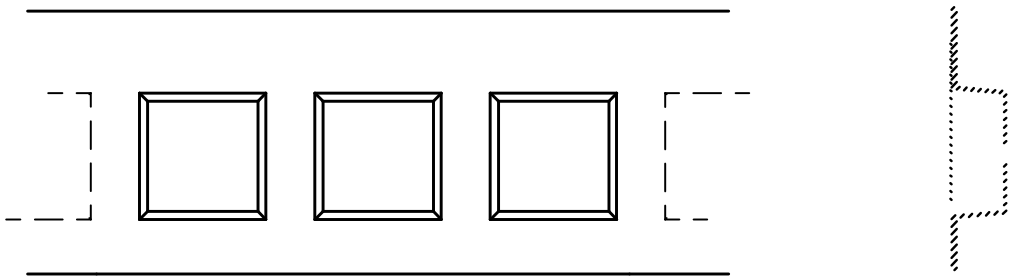
Preheat condition: 150 ~200℃ / 60~120 sec.
260℃
Allowed time above 217℃ : 60~90 sec.
Max temperature: 260℃ .
Allowed time: 2 min Max. Ramp up Rate 3℃/s

60~125℃ to Peak=8 min Max. Peak 260℃ max.t(s)

Packaging Information:

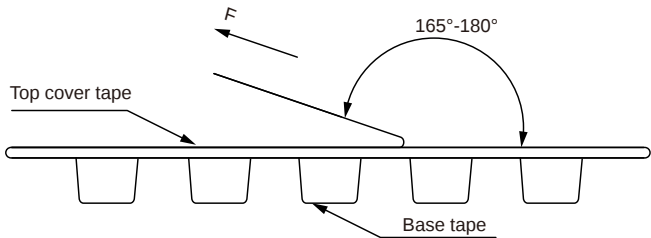
200℃ 150℃

Tape Dimension :



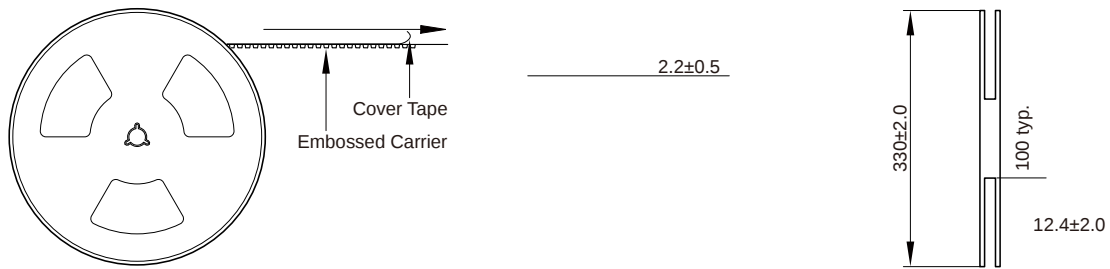
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSA4018B	4.3±0.1	4.3±0.1	1.5±0.1	4.0±0.1	8.0±0.1	12.0±0.3	2.25±0.1	1.75±0.1	0.30±0.05

Peel force of top cover tape:

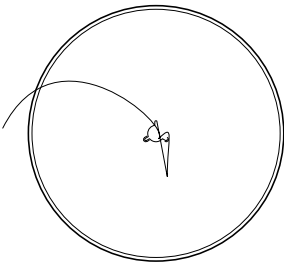


The peel force of top cover tape shall be between 0.3 to 1.17 N

Reel Dimension: [mm]



Packaging Quantity:



3000 Pcs/Reel

3 Reel /Inner box(9K Pcs)

3 Inner box/Carton box(27K Pcs)

Cautions and Warnings:

Storage Conditions :

Operation Instructions: