

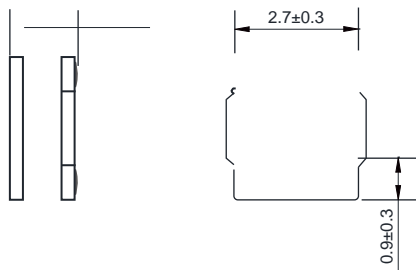


NRSA Series
SMD Power Inductors For Automotive
Size 3015B

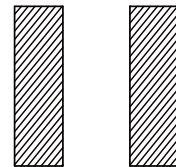
FEATURES

APPLICATION

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

| Part No | Inductance @ 100KHz/1V (μH) | Tolerance | Temperature Rise Current Typ. (A) | Temperature Rise Current Max. (A) | Satura on Current Typ. (A) | Satura on Current Max. (A) | DC Resistance ±20% (m) |
|---------|-----------------------------|-----------|-----------------------------------|-----------------------------------|----------------------------|----------------------------|-------------------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Saturation Current will cause L to drop approximately 30%
 Temperature Rise Current: The actual value of DC current when the temperature rise is $T=40^{\circ}\text{C}$



Soldering Reflow:

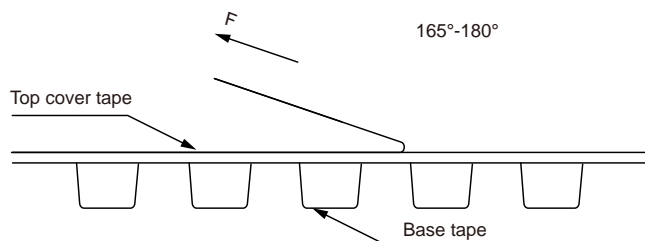
Packaging Information:

Tape Dimension :



| Series | A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | W (mm) | K0 (mm) | E (mm) | T (mm) |
|-----------|------------|------------|-----------|------------|------------|-----------|------------|-----------|------------|
| NRSA3015B | 3.2± 0.1 | 3.2± 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 | 0.30± 0.05 |

Peel force of top cover tape:



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

Operation Instr

Reel Dimension : [mm] 3FF 00FS0 1D 00FS0 1PP 01 02 CB 1P W 19x 2D

Packaging Quantity: