

NRSA Series

SMD Power Inductors For Automotive

Size 3015B



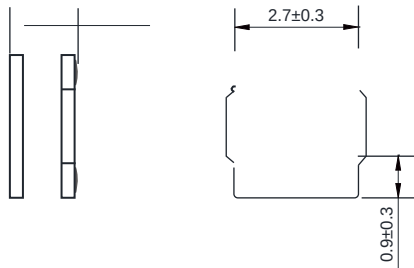
FEATURES

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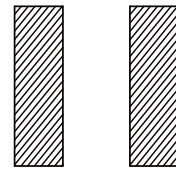
APPLICATION

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Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance @ 100KHz/1V (μ H)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Satura on Current Typ. (A)	Satura on Current Max. (A)	DC Resistance $\pm$ 20% (m Ω)

Saturation Current will cause L to drop approximately 30%

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



Soldering Reflow:

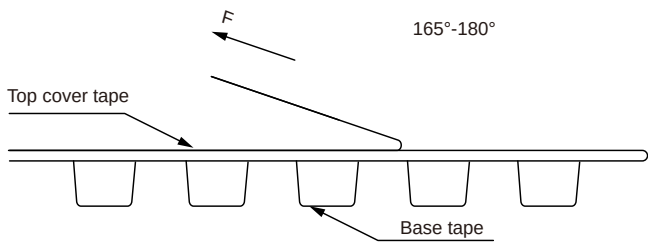
Packaging Information:

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] 6FFH 00FS0 1D 00FS0 1F0 01 02 CB 1 5H W 19x 3 9D

Packaging Quantity: