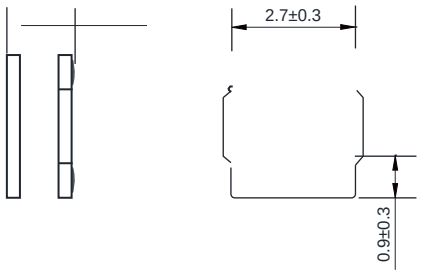
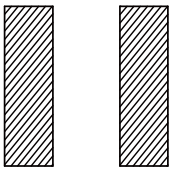
SMD Power Inductors For Automotive
Size 3015B

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% (mΩ)
							33

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°C

Soldering Reflow:

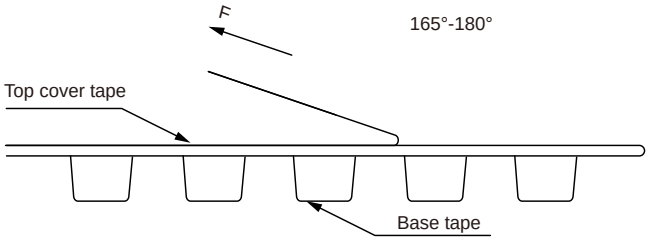
Packaging Information:

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：[illegible]

Packaging Quantity: