NRSA Series

SMD Power Inductors For Automotive

Size 4018W

FEATURES

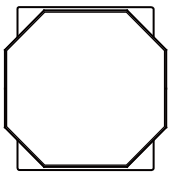
- Magne c shield type wound inductor for power circuits using a ferrite magne c material
- High magne c shield construc on and compa ble with high-density moun ng.
- Larger current and lower Rdc were achieved by op mizing the ferrite core figure.
- Opera ng temperature: –55 to +125°C(including self-tem- perature rise)
- AEC-Q200 qualified
- Quan ty: 3000pcs

APPLICATION

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Dimensions: [mm]

Land Pattern: [mm]



Soldering Reflow:

Preheat condition: 150 ~200℃/ 60~120 sec.

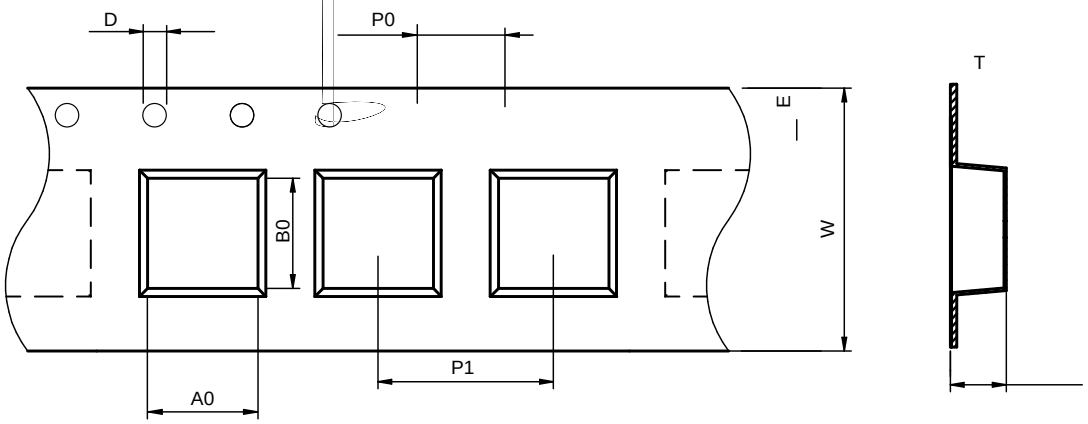
Allowed time above 217℃: 60~90 sec.

Max temperature: 260℃.

Allowed Reflow time: 2x max.

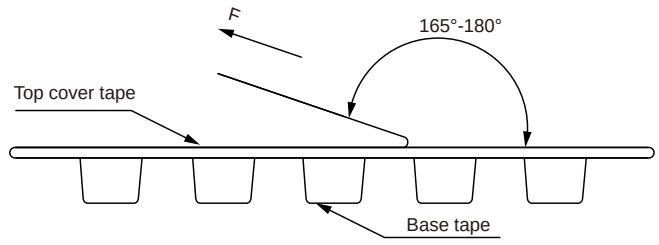
Packaging Information:

Tape Dimension:



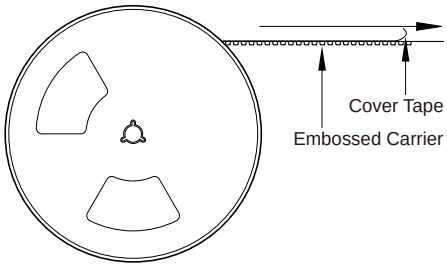
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSA4018W	4.3±0.1	4.3±0.1	1.5±0.1	4.0±0.1	8.0±0.1	12.0±0.3	2.25±0.1	1.75±0.1	0.30±0.05

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: