

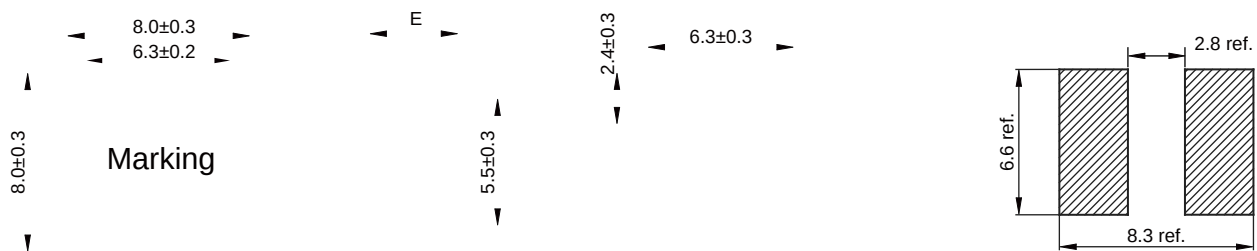
NRSA Series

SMD Power Inductors For Automotive

Size 8040

FEATURES: 1. Ferrite shield type wound inductor for power circuits using a ferrite magnetic material. 2. High magnetic shield construction and compatible with high-density mounting. 3. Larger current and lower Rdc were achieved by optimizing the ferrite core figure. 4. Operating temperature: -55 to +125°C (including self-temperature rise).

- 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)



Part No	Inductance @100KHz/1V	Tolerance	Current Typ.	DC Resistance ±20%	E
					4.2 Max
					4.2 Max
					4.2 Max
					4.2 Max
					4.2 Max
					4.2 Max
					4.2 Max
					4.2 Max
					4.2 Max
					3.7±0.3
					3.7±0.3
					3.7±0.3
					3.7±0.3
					3.7±0.3
					3.7±0.3

Typical Electrical Characteristics:



Soldering Reflow:

Preheat condition: 150 ~200℃ / 60~120 sec.
Allowed time above 217℃ : 60~90 sec.
Max temperature: 260℃ .
Allowed Reflow time: 2x max.

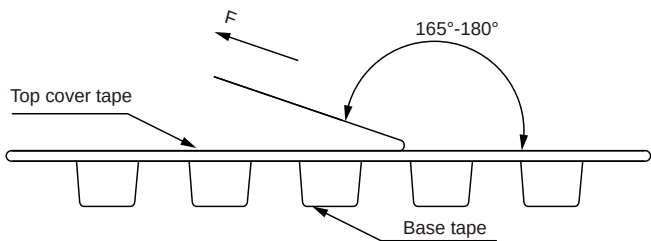
Packaging Information:

Tape Dimension :



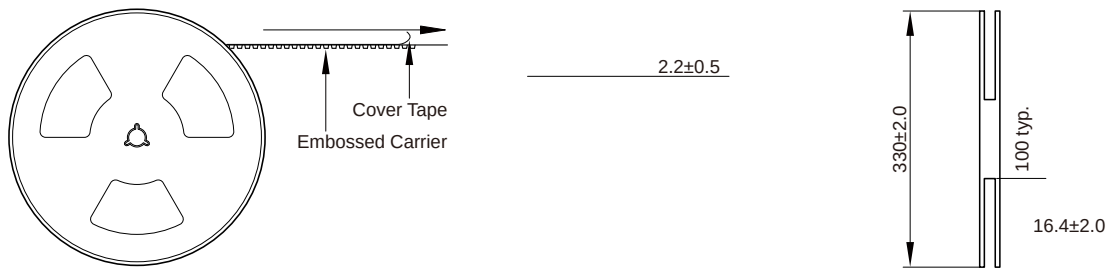
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSA8040	8.55±0.1	8.55±0.1	1.5±0.1	4.0±0.1	12.0±0.1	16.0±0.3	4.4±0.1	1.75±0.1	0.40±0.05

Peel force of top cover tape:

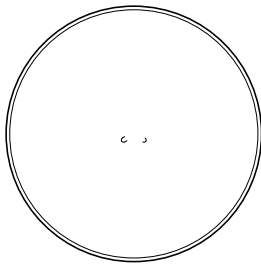


The peel force of top cover tape shall be between 0.3 to 1.17 N

Reel Dimension: [mm]



Packaging Quantity:



1000 Pcs/Reel

2 Reel /Inner box(2K Pcs)

3 Inner box/Carton box(6K Pcs)

Cautions and Warnings:

Storage Conditions :

Operation Instructions: