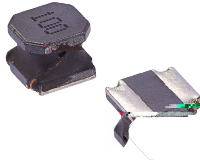


NRSA Series

SMD Power Inductors for Automotive

Size 5040



FEATURES

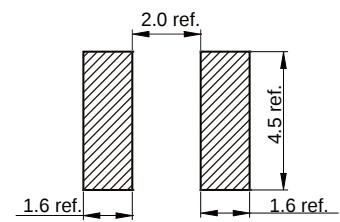
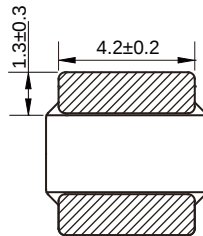
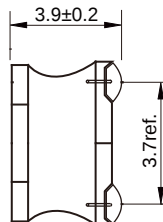
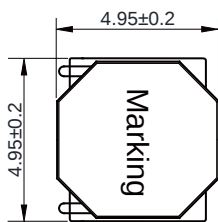
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APPLICATION

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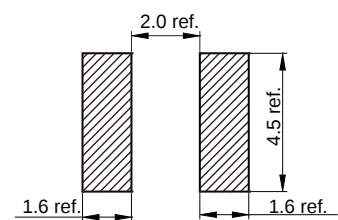
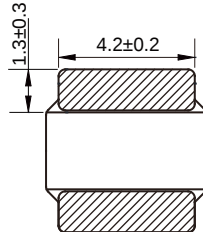
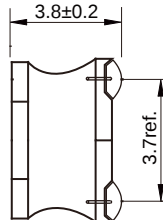
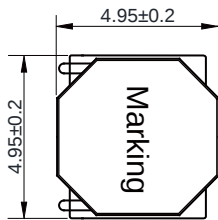
Dimensions: [mm] $\leq 10\mu\text{H}$

Land Pattern: [mm]



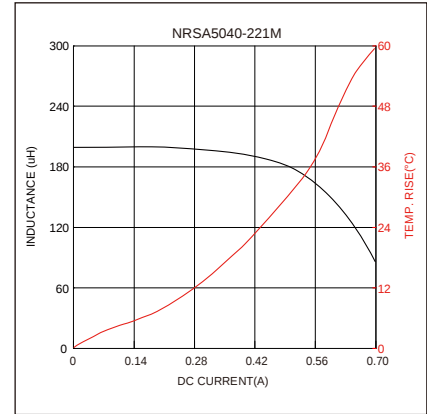
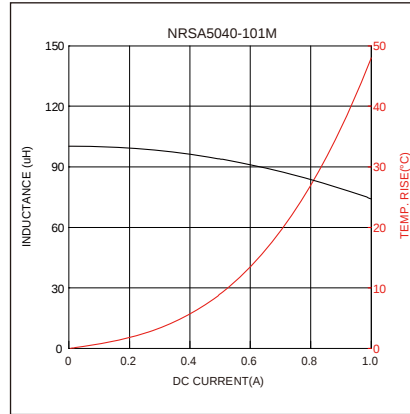
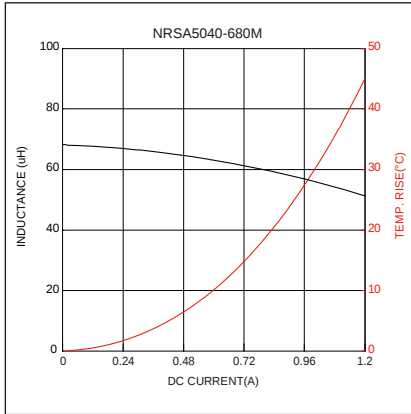
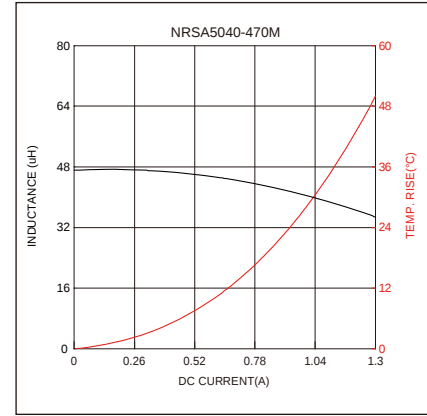
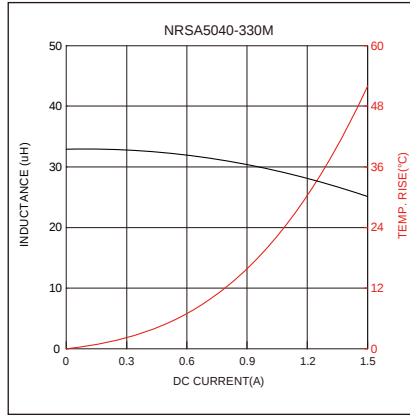
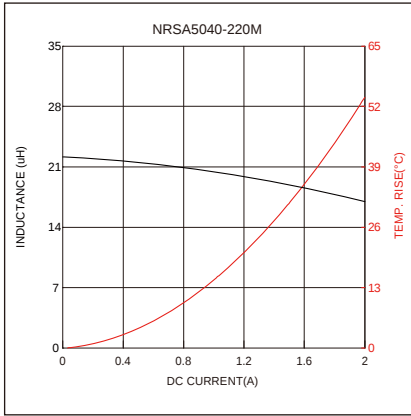
Dimensions: [mm] $> 10\mu\text{H}$

Land Pattern: [mm]



Electrical Properties:

			Satura on		
	(μH)		(A)	(A)	(m Ω)
NRSA5040-1R0M	1.0	$\pm 20\%$	7.50	5.00	12
NRSA5040-1R5M	1.5	$\pm 20\%$	6.50	4.50	15
NRSA5040-2R2M	2.2	$\pm 20\%$	5.70	3.80	21
NRSA5040-3R3M	3.3	$\pm 20\%$	4.40	3.50	24
NRSA5040-4R7M	4.7	$\pm 20\%$	3.90	3.20	32
NRSA5040-6R8M	6.8	$\pm 20\%$	3.30	2.50	43
NRSA5040-8R2M	8.2	$\pm 20\%$	2.50	2.10	50
NRSA5040-100M	10	$\pm 20\%$	2.52	2.20	56



Soldering Reflow:

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

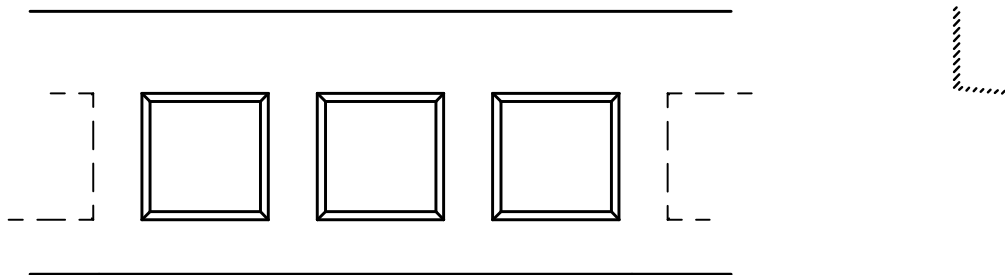
Allowed time above 217℃ : 60~90 sec.

Max temperature: 260℃ .

Allowed Reflow time: 2x max.

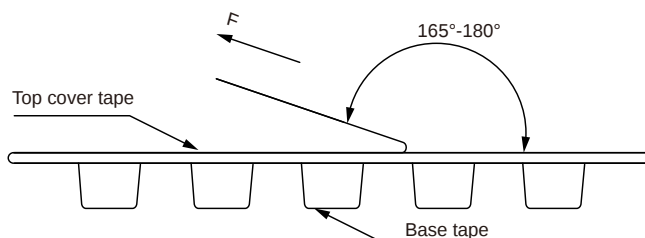
Packaging Information:

Tape Dimension :



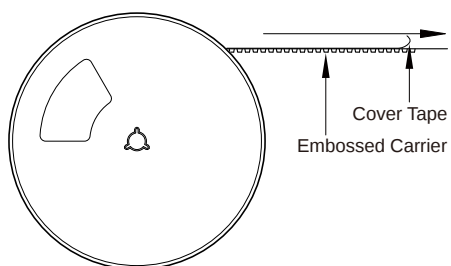
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSA5040	5.3±0.1	5.3±0.1	1.5±0.1	4.0±0.1	8.0±0.1	12.0±0.3	4.2±0.1	1.75±0.1	0.40±0.05

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: