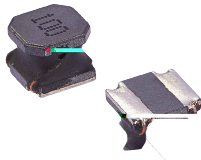
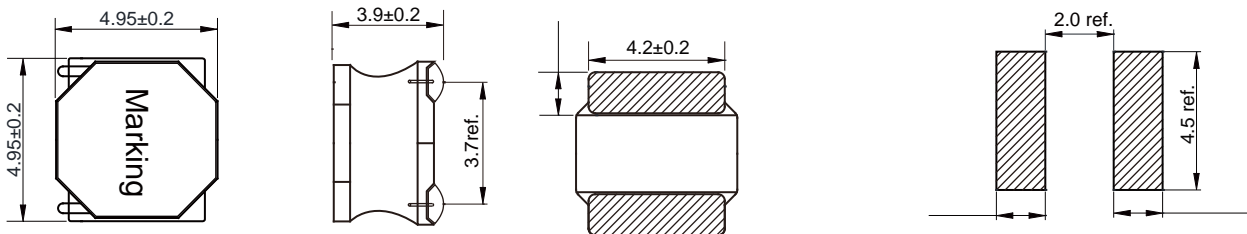


SMD Power Inductors for Automotive Size 5040

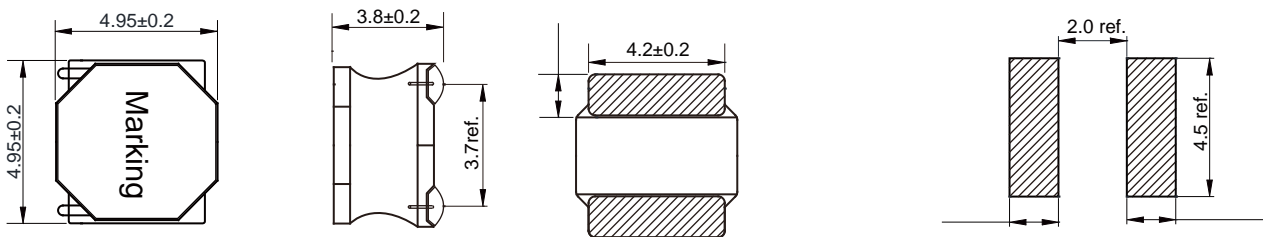


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Land Pattern: [mm]



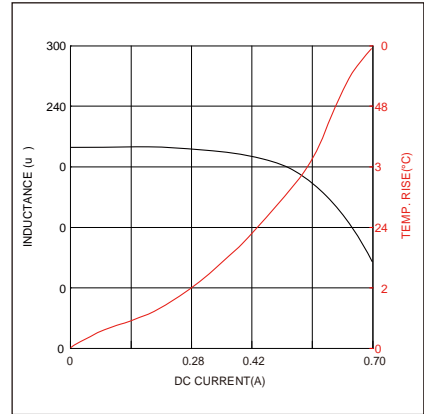
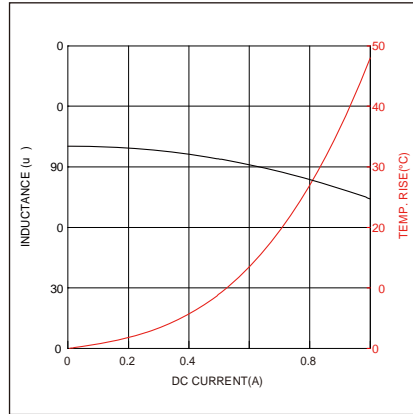
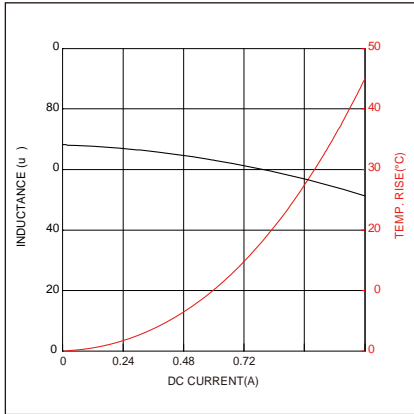
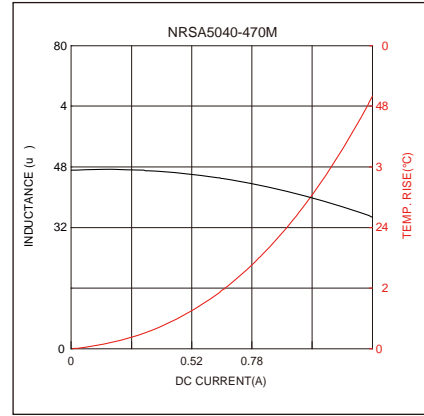
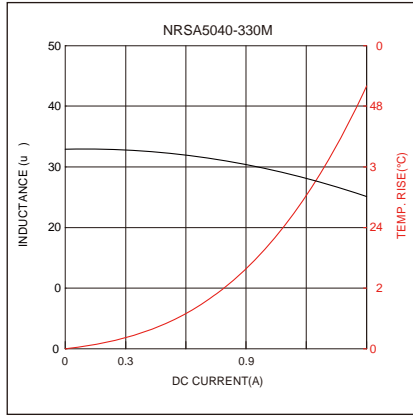
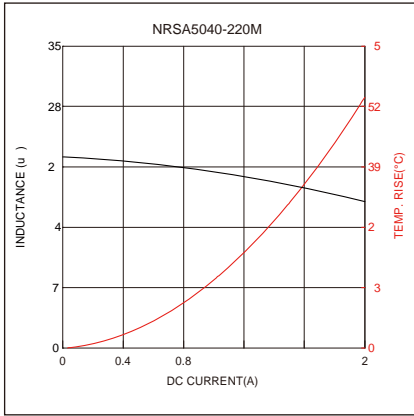
Dimensions: [mm] >



Land Pattern: [mm]

Electrical Properties:

			Saturation		
	(μ H)		(A)	(A)	(m)
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



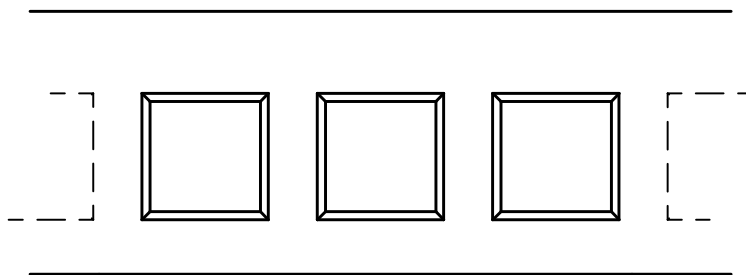
Soldering Reflow:

$\overset{\circ}{C}$
 $\overset{\circ}{C}$
 $\overset{\circ}{C}$

Allowed Reflow time: 2x max.

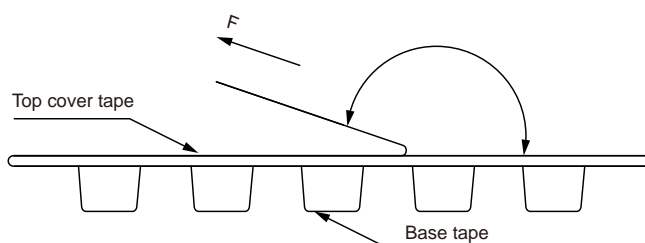
Packaging Information:

Tape Dimension:



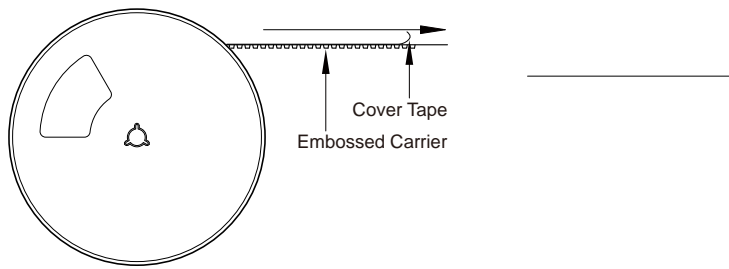
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	(mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSA5040	5.3 ± 0.1	5.3 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	12.0 ± 0.3	4.2 ± 0.1	1.75 ± 0.1	0.40 ± 0.05

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: