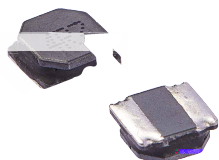


NRSA Series

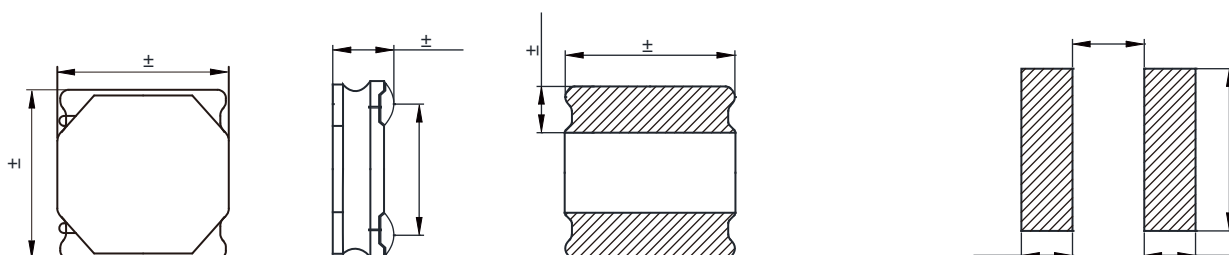


FEATURES

- 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)
- AEC-Q200 qualified
- Quantity: 2500pcs

APPLICATION

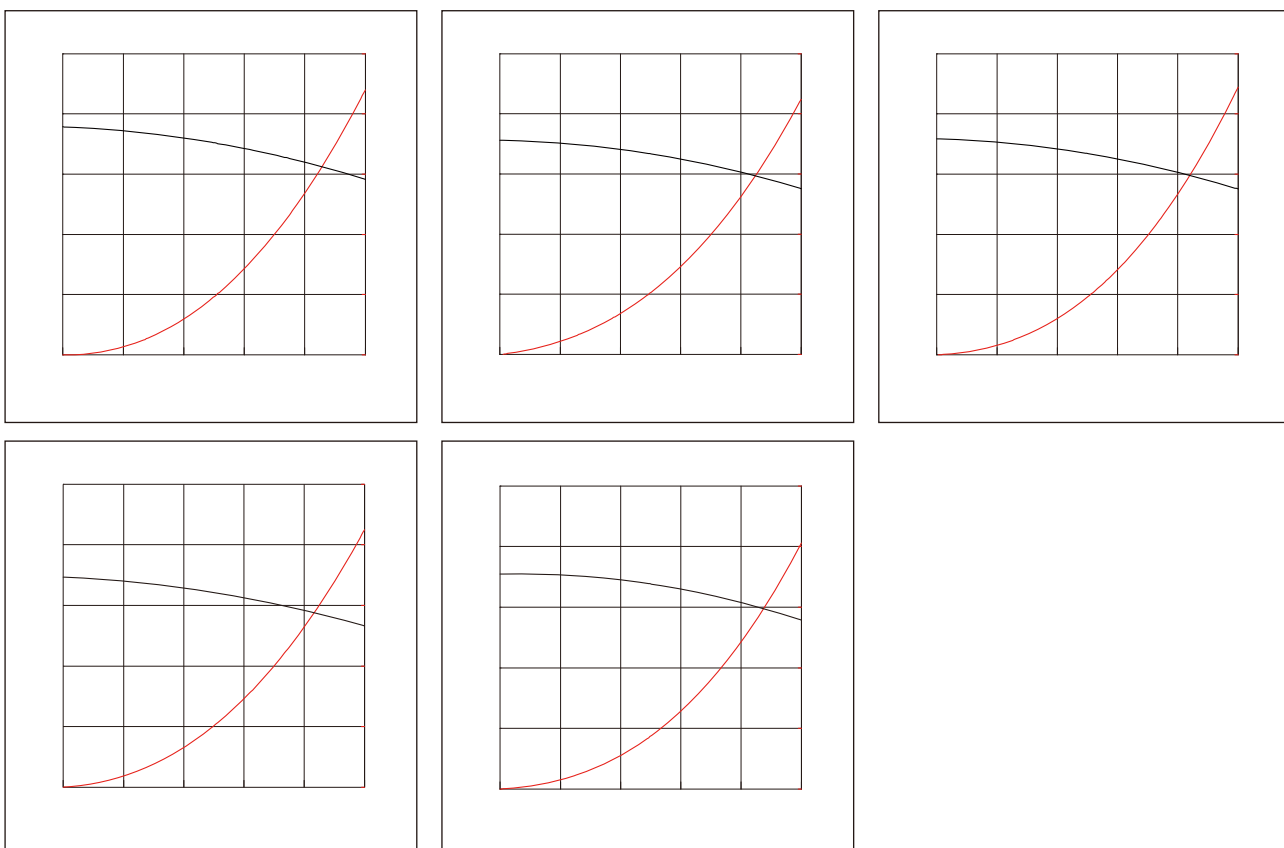
- Car navigation, car stereo and car accessories only

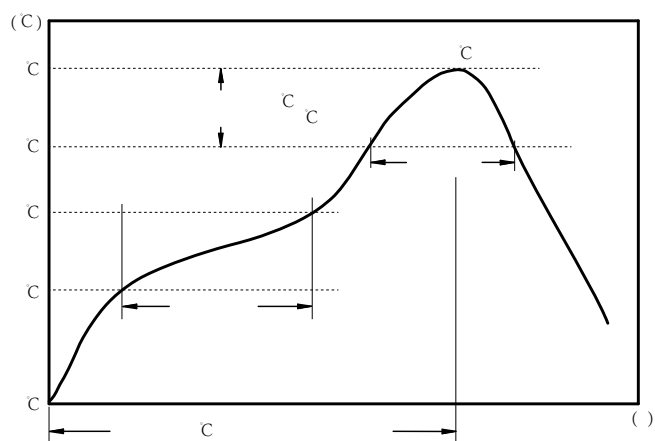


Part No	L@100KHz/1V (μ H)	Tolerance	I _{SAT} Typ. (A)	I _R Typ. (A)	R _{DC} $\pm$ 20% (m Ω)
A5020-1R0N	1.0	$\pm$ 30%	5.00	4.10	20
A5020-1R2N	1.2	$\pm$ 30%	4.80	3.80	20
A5020-1R5N	1.5	$\pm$ 30%	4.50	3.50	25
A5020-2R2M	2.2	$\pm$ 20%	4.10	3.30	32
A5020-2R7M	2.7	$\pm$ 20%	3.80	3.00	38
A5020-3R3M	3.3	$\pm$ 20%	3.50	2.80	
A5020-4R7M	4.7	$\pm$ 20%	2.70	2.40	60
A5020-5R6M	5.6	$\pm$ 20%	2.40	2.10	69
A5020-6R8M	6.8	$\pm$ 20%	2.10	1.90	90
A5020-8R2M	8.2	$\pm$ 20%	1.90	1.75	98
A5020-100M	10	$\pm$ 20%	1.70	1.60	110
A5020-120M	12	$\pm$ 20%	1.40	1.40	135
A5020-150M	15	$\pm$ 20%	1.30	1.25	165
A5020-180M	18	$\pm$ 20%	1.20	1.17	190
A5020-220M	22	$\pm$ 20%	1.10	1.10	225
A5020-330M		$\pm$ 20%	0.80	0.80	335
A5020-470M	47	$\pm$ 20%	0.70	0.70	460

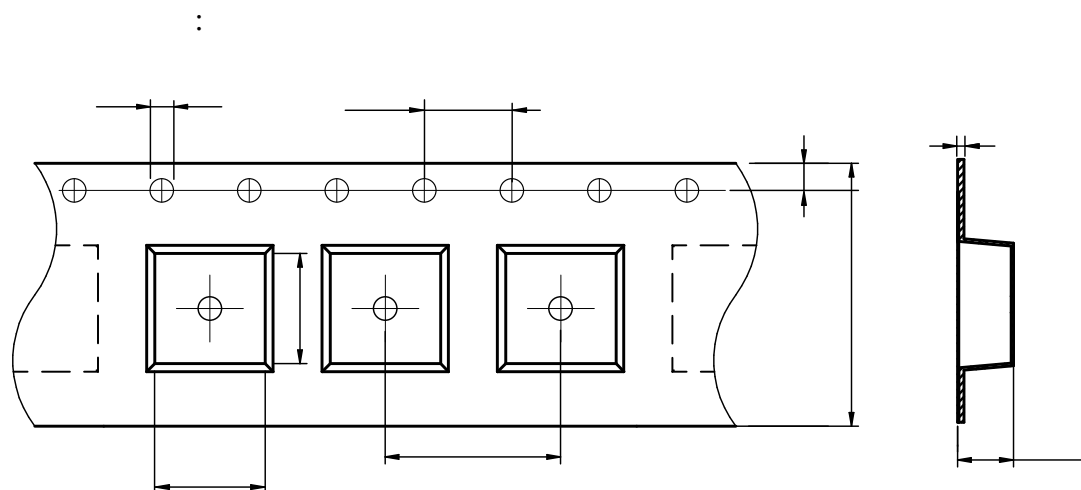
will cause the coil temperature rise approximately $\Delta t 40^{\circ}\text{C}$

will cause L to drop approximately 30%.

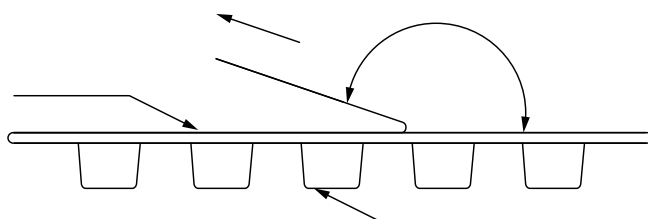




C
C
C



NRSA5020	5.3 ± 0.1	5.3 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	12.0 ± 0.3	2.3 ± 0.1	1.75 ± 0.1	0.35 ± 0.05



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

Marking	Printing (Inductance)
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