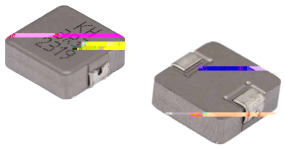
MDSA Series

SMD Low Profile High Current Molded Inductor

Size 1040



FEATURES

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- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
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- 100% Lead(Pb)-Free and RoHS compliant.
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APPLICATION

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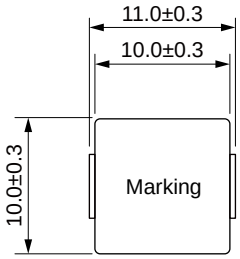
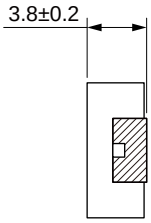
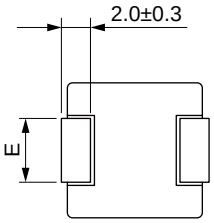
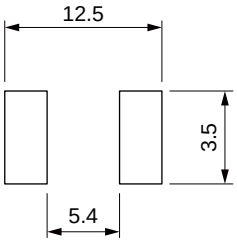
Dimensions: [mm]







Land Pattern: [mm]



Electrical Properties:

MDSA1040-1R0M	1.00	±20%	19.0	28.0	3.00		
		±20%	16.8		3.80	4.40	
MDSA1040-2R2M	2.20	±20%	14.4	19.2		7.00	3.0±0.3
MDSA1040-3R3M	3.30	±20%		16.8	10.7	12.0	3.0±0.3
MDSA1040-4R7M	4.70	±20%	8.40	14.6	16.0		3.0±0.3
		±20%	7.60		19.2	23.3	3.0±0.3
MDSA1040-6R8M	6.80	±20%	7.40	11.7	22.2		3.0±0.3
MDSA1040-8R2M	8.20	±20%	7.20	9.00		29.0	3.0±0.3
MDSA1040-100M	10.0	±20%	7.20	8.20		31.0	3.0±0.3
		±20%		6.70	42.0	46.0	3.0±0.3

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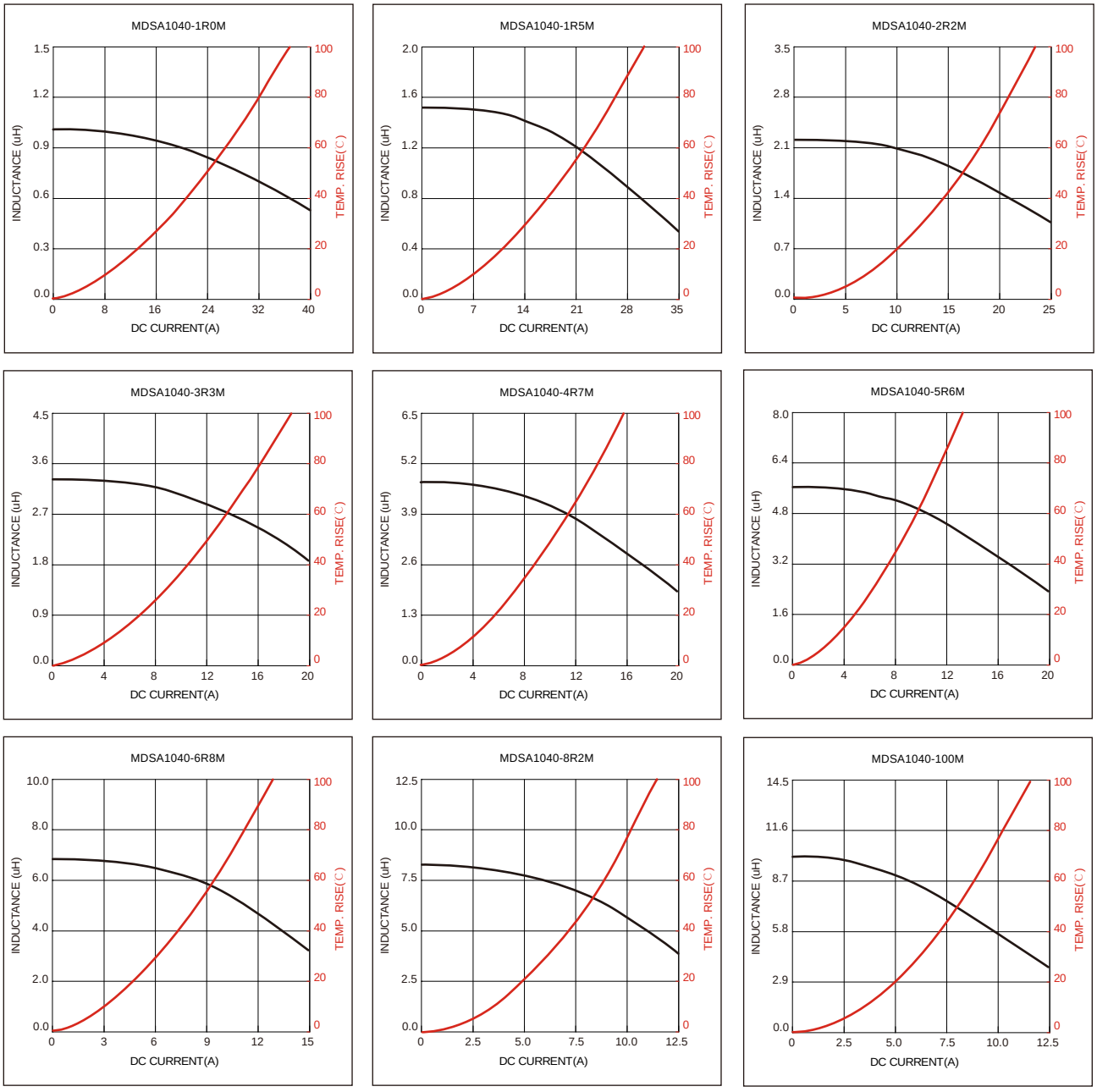
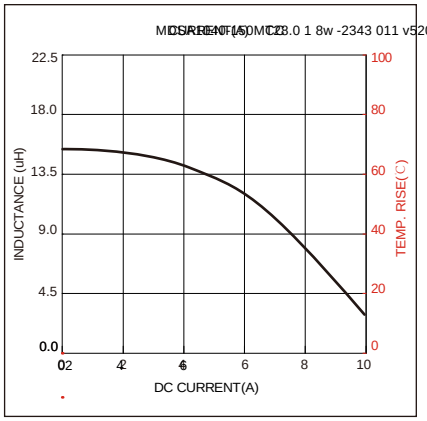
MDSA1040-220M	22.0	±20%	4.70			67.0	3.0±0.3
MDSA1040-330M	33.0	±20%	4.20			92.0	3.0±0.3
MDSA1040-470M	47.0	±20%	3.30	4.70	126	144	3.0±0.3
MDSA1040-680M	68.0	±20%	2.40	3.10	193	212	3.0±0.3

Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

Typical Electrical Characteristics:





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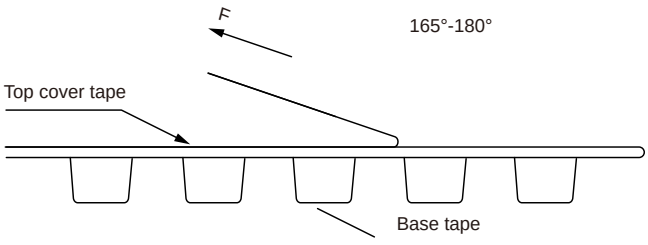
Soldering Reflow:

Packaging Information:

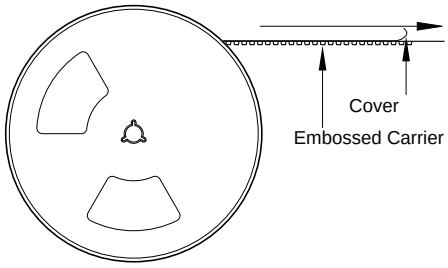
Tape Dimension:

Peel force of top cover tape:



Rfc nccj dmpac md rmn amtcp r_nc qf_jj `c `crucc l .,/ rm /,1 L

Reel Dimension：[mm]



Packaging Quantity: