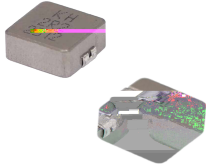


MDSA Series

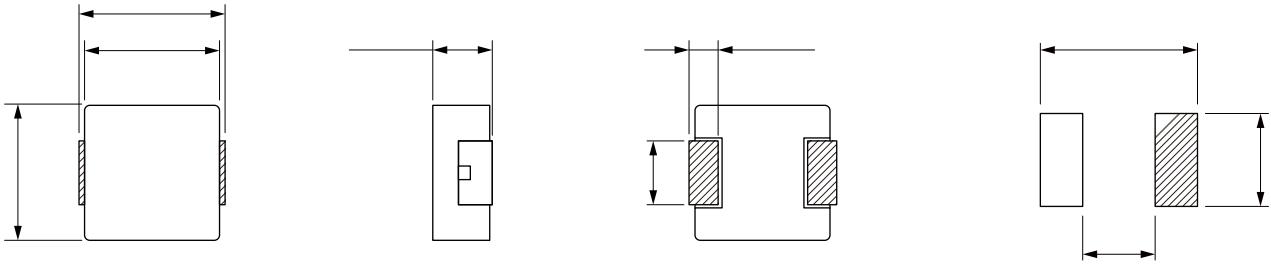


FEATURES

- Shielded construction
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- Ultra low buzz noise, due to composite construction.
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- AEC-Q200 qualified
- Operating temperature: -55 to +155 °C(including self-temperature rise)
- Quantity: 500PCS

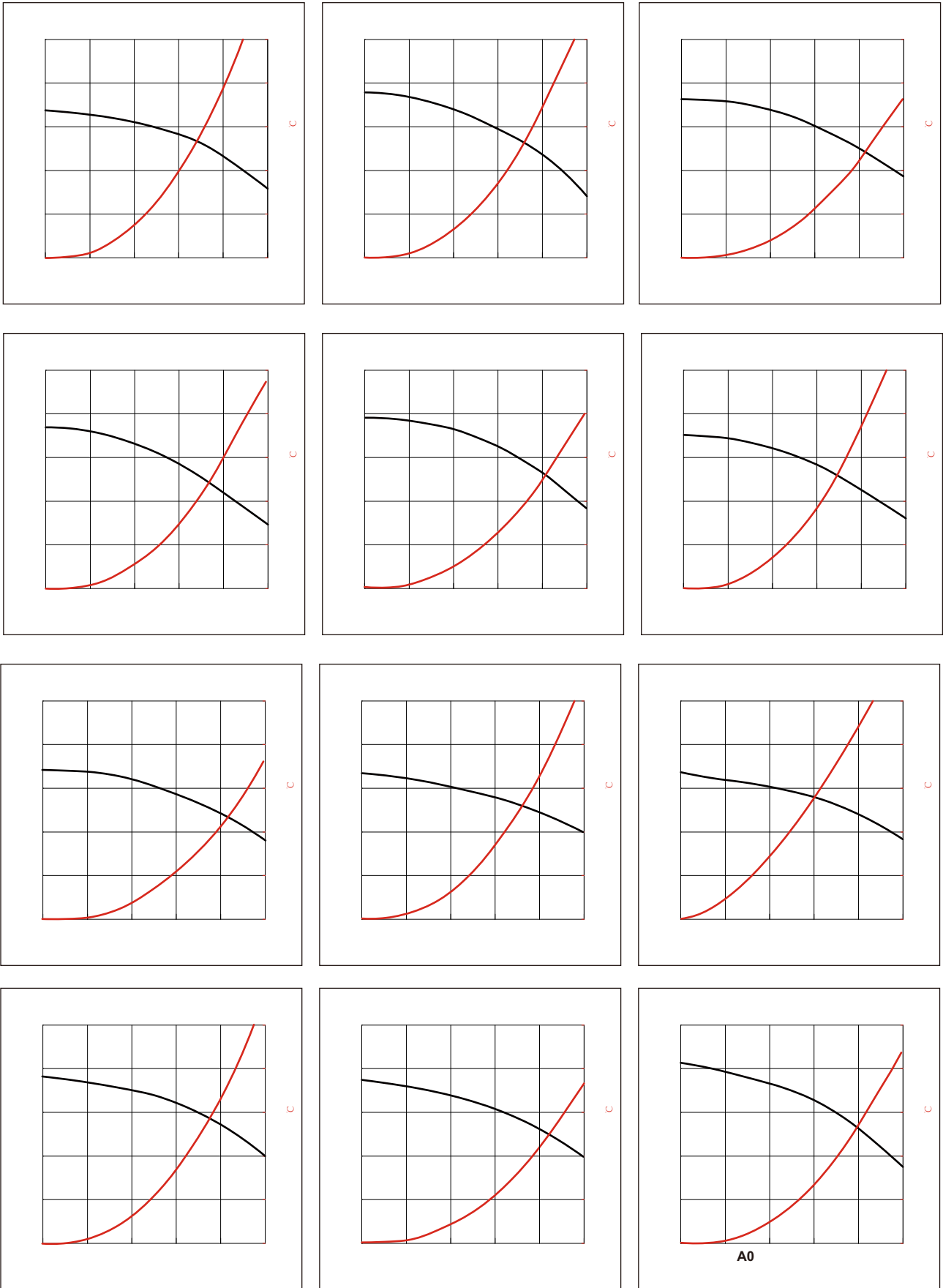
APPLICATION

- Noise filter for various drive circuitry requiring high temperature operation and peak current handling capability.
- Boost-Converter
- Buck-Converter DC/DC

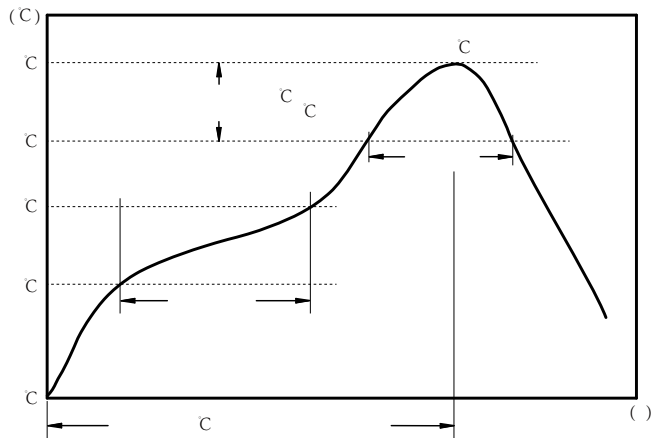


Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ. (A)	Current Typ. (A)	DC Resistance Typ.	DC Resistance Max.	E
MDSA1050-1R0M							2.5±0.3
MDSA1050-1R5M	1.50						2.5±0.3
MDSA1050-2R2M				19.5	5.40		
MDSA1050-3R3M			16.5			9.5	
MDSA1050-4R7M			14.5	15.5			
MDSA1050-5R6M	5.60		12.5	14.5			
MDSA1050-6R8M				13.5	15.5		
MDSA1050-8R2M					16.5		
MDSA1050-100M				12.5	19.5		
MDSA1050-150M	15.0						
MDSA1050-220M			5.7	5.7	45.0	55.0	
MDSA1050-330M			5.2	5.5	75.0		
MDSA1050-470M							





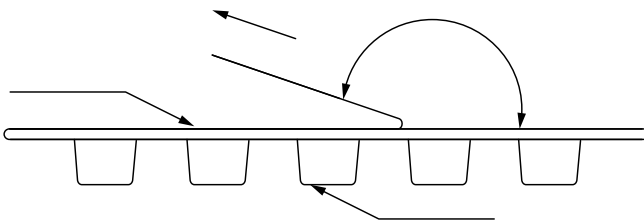




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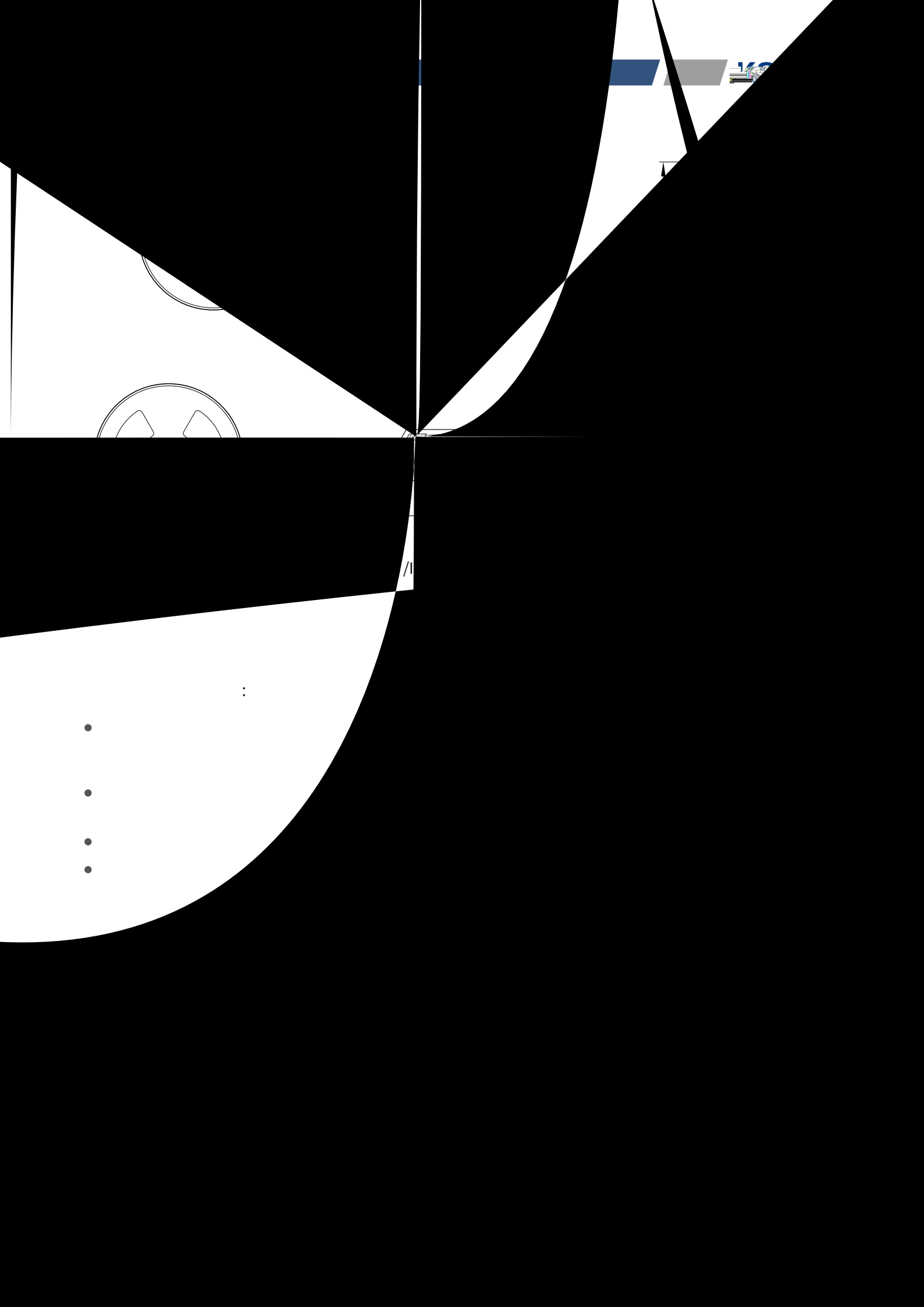
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MDSA1050	10.4±0.1	11.6±0.1	1.5±0.1	4.0±0.1	16.0±0.1	24.0±0.3	5.4±0.1	1.75±0.1	0.40±0.05



The peel force of top cover tape shall be between 0.1 to 1.3 N

Marking	KH+Printing (Inductance)
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KQ

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