

### 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 temp. operation and peak current handling capability.
- Boost-Converter
- Buck-Converter DC/DC

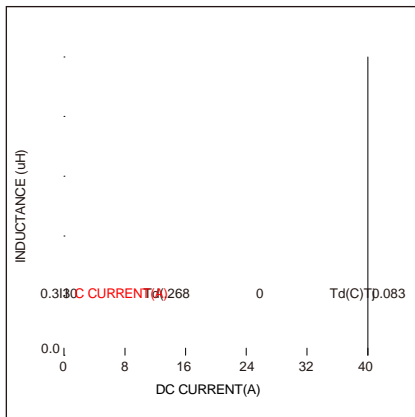


MDSA1050-1R0M					2.5±0.3
MDSA1050-1R5M	1.50				2.5±0.3
MDSA1050-2R2M			19.5	5.40	
MDSA1050-3R3M		16.5			9.5
MDSA1050-4R7M		14.5	15.5		
MDSA1050-5R6M	5.60	12.5	14.5		
MDSA1050-6R8M			13.5	15.5	
MDSA1050-8R2M				16.5	
MDSA1050-100M			12.5	19.5	
MDSA1050-150M	15.0				
MDSA1050-220M		5.7	5.7	45.0	55.0
MDSA1050-330M		5.2	5.5	75.0	
MDSA1050-470M					

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^{\circ}\text{C}$

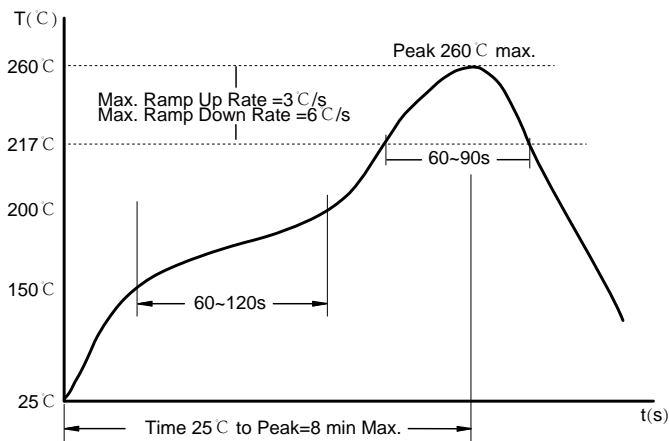
## Typical Electrical Characteristics:



3.9360 Td(.55 0.494 s03 - 611.668 cm0 0 m0 0



## Soldering Reflow:



Preheat condition: 150 ~200 °C / 60~120 sec.

Allowed time above 217 °C : 60~90 sec.

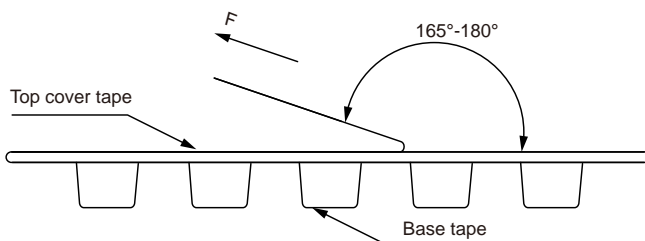
Max temperature: 260 °C .

Allowed Reflow time: 2x max.

## Packaging Information:

Tape Dimension:

Peel force of top cover tape:



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

Product Marking:

Marking	KH+Printing (Inductance)
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