

MDCA Series

SMD Power Inductor

Size 3015



FEATURES

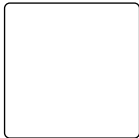
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- , , high efficiency.
- Very low acoustic noise and very low leakage flux noise.
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- AEC-Q200 qualified
- Operating temperature: -55 to +125 °C (including self-temperature rise)

APPLICATION

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- DC/DC converter

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

Part No	Inductance @ 100KHz/1V		Temperature Rise Current Typ.	Current Typ.		
MDCA3015-R22M						
MDCA3015-R47M						
MDCA3015-R56M	0.56					
MDCA3015-R68M						
MDCA3015-1R0M						
MDCA3015-1R5M	1.50					
MDCA3015-2R2M						
MDCA3015-3R3M						
MDCA3015-4R7M						
MDCA3015-5R6M	5.60					
MDCA3015-6R8M						
MDCA3015-8R2M						
MDCA3015-100M						

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:

