

## **MD Series**

SMD Low Profile High Current Molded Inductor  
Size 5012

### **CHARACTERISTICS**

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### **APPLICATION**

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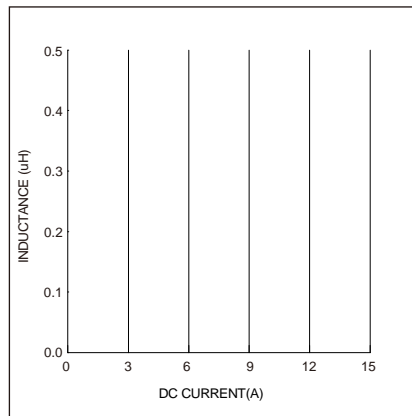
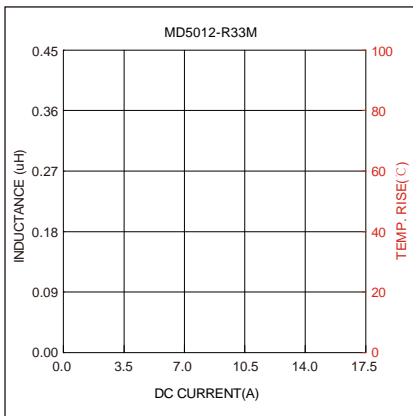
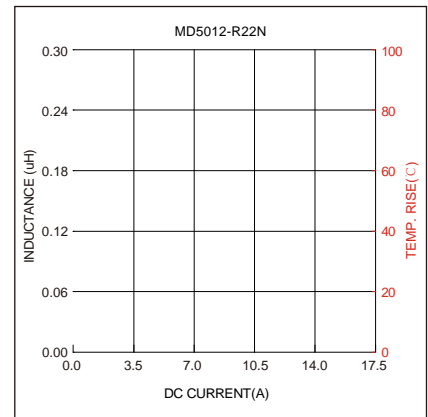
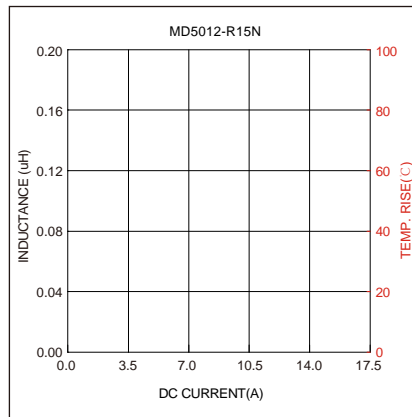
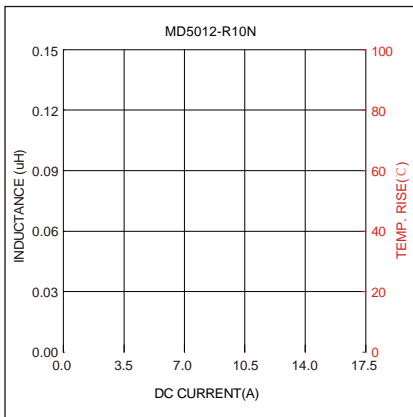
Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ. (A)	current Typ. (A)	DC Resistance Typ.	DC Resistance Max.
MD5012-8R2M	8.20	±20%	1.7	2.8	327	378
MD5012-100M	10.0	±20%	1.5	1.8	335	385
MD5012-150M	15.0	±20%	1.3	1.6	410	470

Operating temperature: -40°C ~ +125°C

Temperature rise current: The actual value of DC current when the temperature rise is T40C

Saturation Current will cause L to drop approximately 30%

## Typical Electrical Characteristics:





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