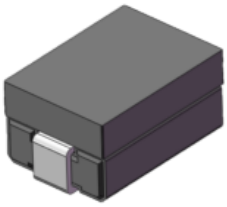
CDG3833C

新产品

RoHS

AEC-Q200



■ 特长

- 对应大电流的SMD电感
- 低直流电阻、高饱和电流

■ 磁路构造

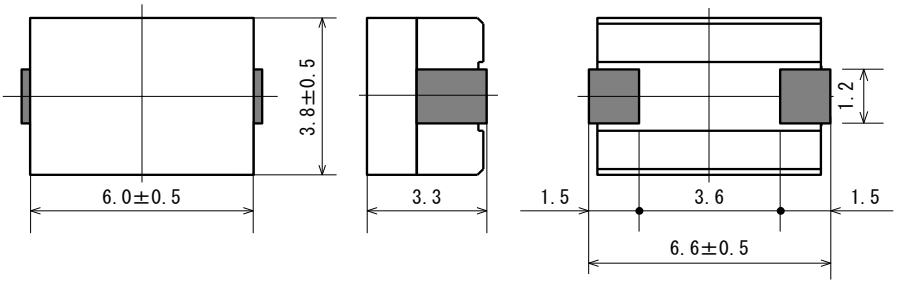
工作温度范围： -40 ℃～ +150 ℃(包含自身发热)

单体重： 0.3 g

■ 用途

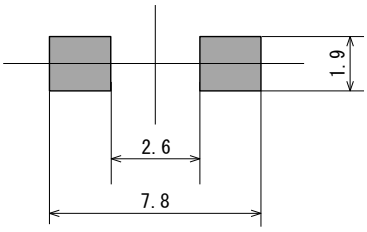
- 电脑
- 主板，显卡
- 车载
- 发动机控制器

■ 外形尺寸



(单位：mm)

■ 推荐焊盘尺寸



(单位：mm)

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⚠ 以上内容可能由于制品改善等原因发生变更而不事前通知，请悉知。

■ 电气规格

相模品番	电感量 (nH)	直流电阻 (mΩ)	定格电流	
			直流饱和电流 (A)	温度上升电流 (A)
CDG3833C-45NM	45 ±20%	0.620	63.4	32.1
CDG3833C-65NM	65 ±20%	0.620	46.4	32.1
CDG3833C-80NM	80 ±20%	0.620	41.3	32.1
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

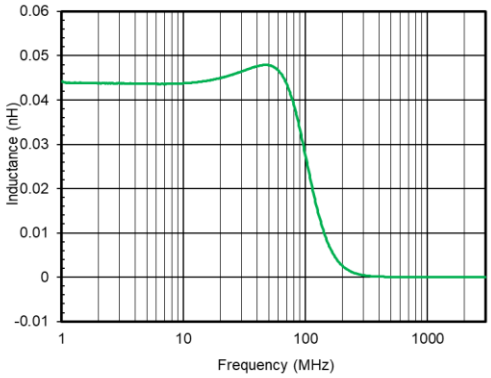
・电感量测试条件　　：100kHz,1V
・定格电流：直流饱和电流和温度上升电流中较小的值
1.直流饱和电流　　：初期电感量下降 20%　　的电流值
2.温度上升电流　　：磁芯表面温度上升至 40℃　　的直流电流

Frequency vs Inductance/Impedance

L

Z
X
R

CDG38332C-45NM



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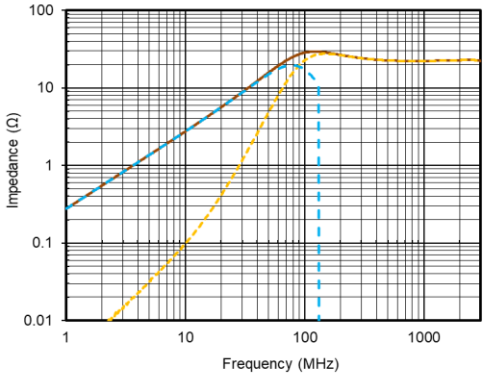

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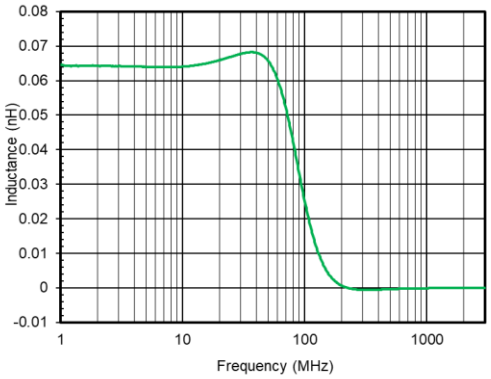

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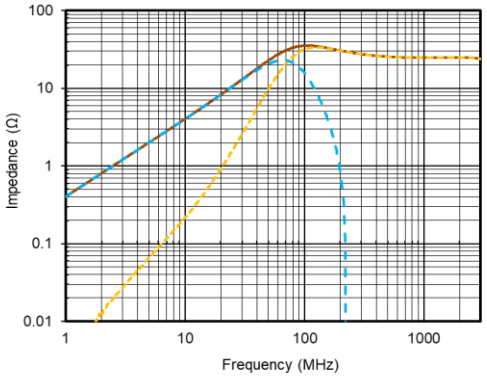
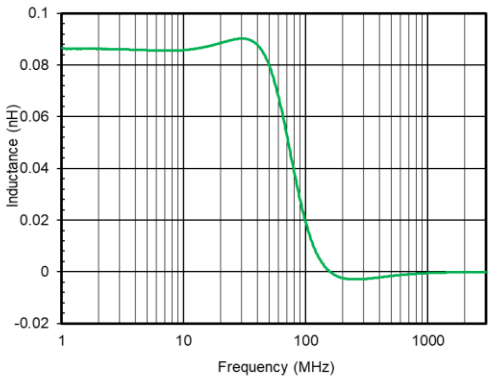


CDG38332C-80NM



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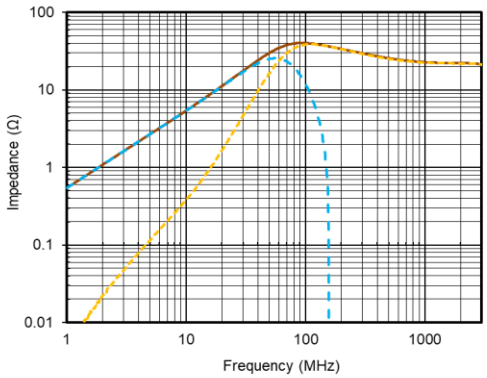

DC bias characteristics vs Temperature Rise Graph

L(25°C)　　⊿T

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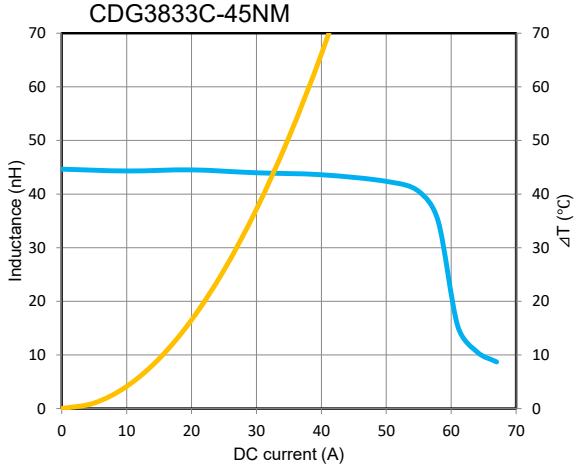

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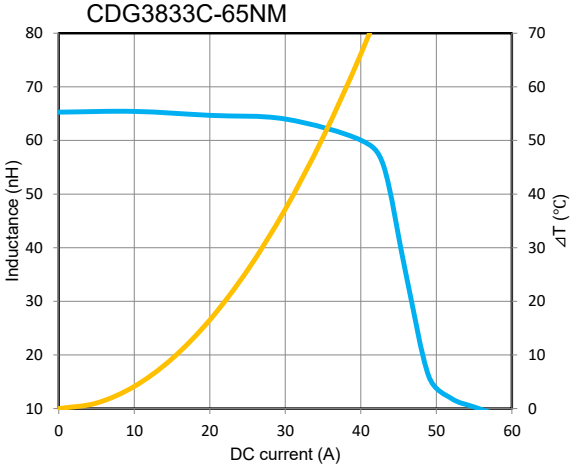
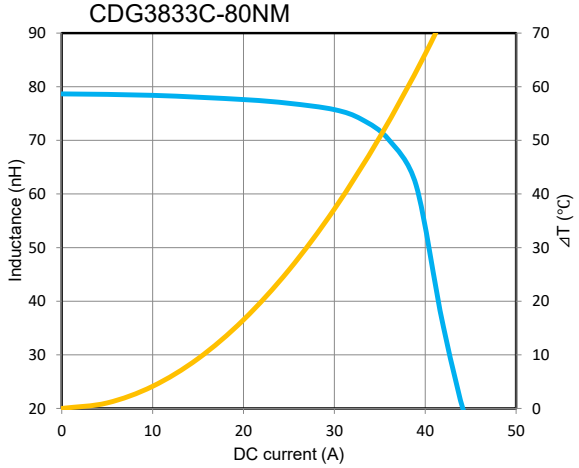
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