

SMD Power Inductor

CDB80D62



特点

- Ferrite core construction
- Magnetically shielded
- L×W×H: 22.2×8.2×6.6mm Max.
- Product weight: 4.99g(Ref.)
- Moisture sensitivity level: 1

环境规格

- Operating temperature range: -40°C~+125°C (including coil's self temperature rise)
- Storage temperature range: -40°C~+125°C

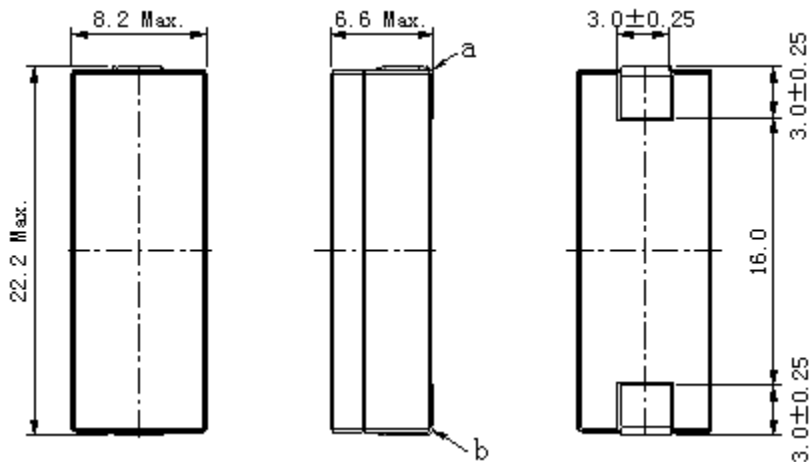
包装

- Carrier tape and reel packaging
- 500pcs per reel

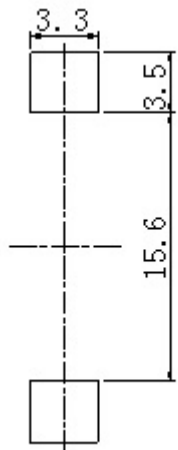
用途

- Multi-phase and Vcore regulators
- Voltage Regulator Modules (VRMs), such as server and desktop, Central Processing Unit(CPU), Graphics Processing Unit(GPU), Application Specific Integrated Circuit(ASIC), Graphics cards and battery power systems

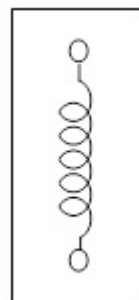
外形尺寸 - [mm]



推荐焊盘尺寸 - [mm]



接线图 (底面)



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电气特性规格

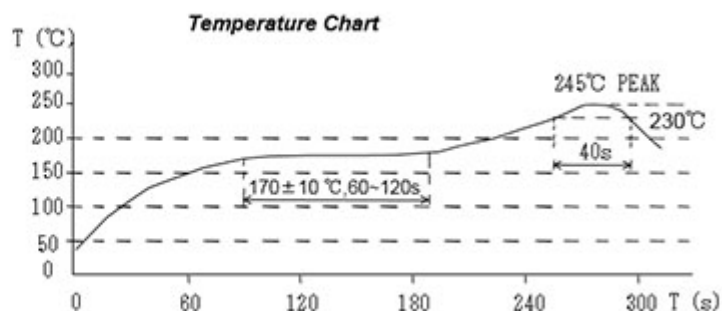
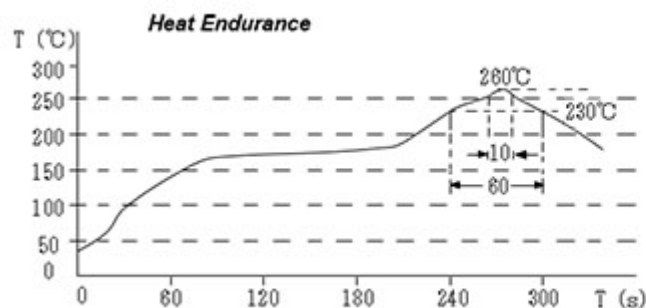
品名	电感值 [within] (μ H) ※1	直流电阻 (20°C) Max. (Typ.) (m Ω)	饱和电流 (A) Max. (Typ.) ※2		温度上升电流 (A) Max. (Typ.) ※3
			20°C	125°C	
CDB80D62NP-R23MC	0.23 \pm 20%	(0.47)	76.00 (90.00)	59.00 (70.00)	(55.00)

※1 Measuring frequency inductance at 1MHz.

※2 Saturation current: this indicates the value of D.C. current when the inductance becomes 20% lower than it's initial value.

※3 Temperature rise current: the actual value of D.C. current when temperature of coils becomes $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).

回流焊耐热与推荐温度曲线图



SMD Power Inductor

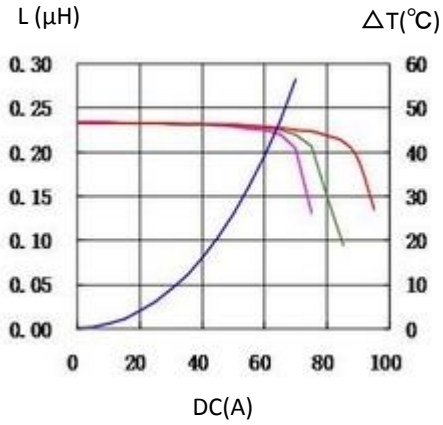
CDB80D62



直流饱和电流&温度上升曲线图

— L (20°C) — L (100°C) — L (125°C) — ΔT

1. CDB80D62NP-R23MC



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