

SMD Power Inductor

CDR106/T150



特点

- SMD high-inductance value applicable inductor
- Magnetically unshielded
- Qualified AEC-Q200



环境规格

- Operational temperature range: $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$ (including coil's self-temperature rise)

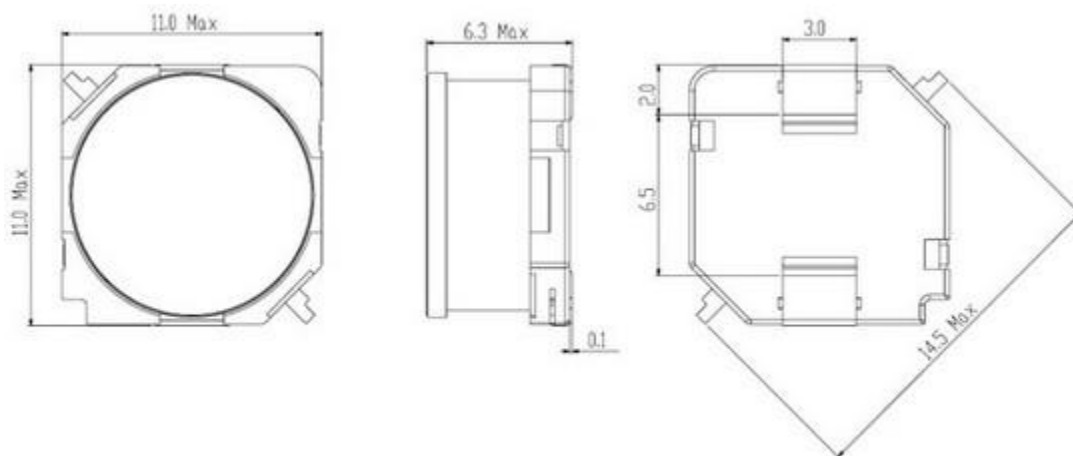
包装

- Carrier tape and reel packaging

用途

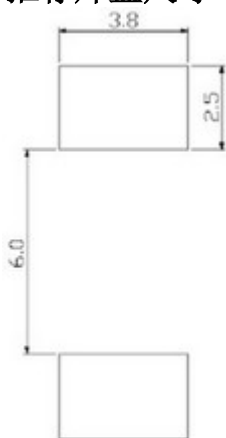
- Filter for incoming low-frequency noise from the home power line

外形尺寸 - [mm]

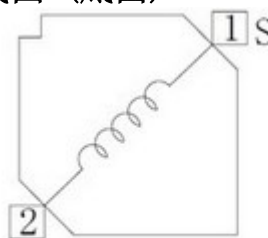


* Dimensions without tolerance is reference value.

推荐焊盘尺寸 - [mm]



接线图 (底面)



"S" indicates the winding start.

注：记载内容如有变更，恕不另行通知。订货时请联系您最近的销售办事处以获取最新产品信息。

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新推荐品

电气特性规格

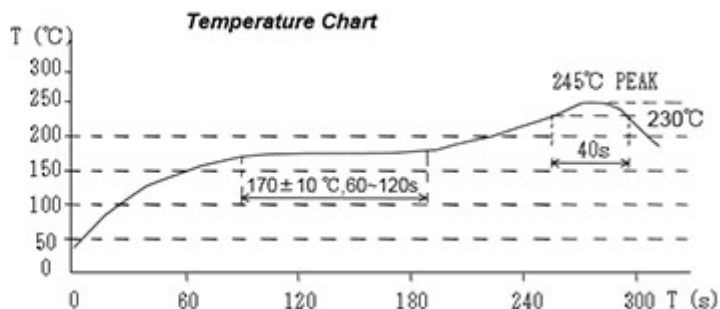
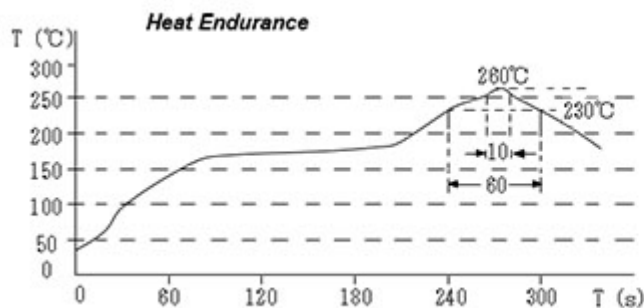
品名	电感值 [within] (μ H) ※1	直流电阻 (20℃) Max. (Typ.) (m Ω)	饱和电流 (A) Max. (Typ.) ※2		温度上升电流 (A) Max. (Typ.) ※3
			20℃	150℃	
CDR106T150NP-471KC	470 \pm 10%	780 \pm 20%	0.53 (0.67)	(0.49)	0.60 (0.70)
CDR106T150NP-472KC	4700 \pm 10%	7510 \pm 20%	0.18 (0.23)	(0.16)	0.16 (0.20)
CDR106T150NP-103KC	10000 \pm 10%	19440 \pm 20%	0.12 (0.15)	(0.11)	0.076 (0.10)

※1 Measuring frequency inductance at 1kHz.

※2 Saturation current: The value of D.C. current when the inductance becomes 90% lower than its initial value.

※3 Temperature rise current: The value of D.C. current when the temperature of coil 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



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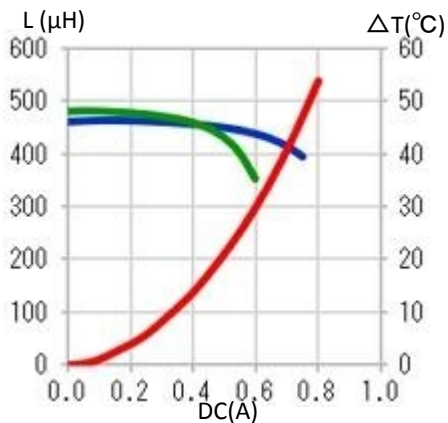
CDR106/T150



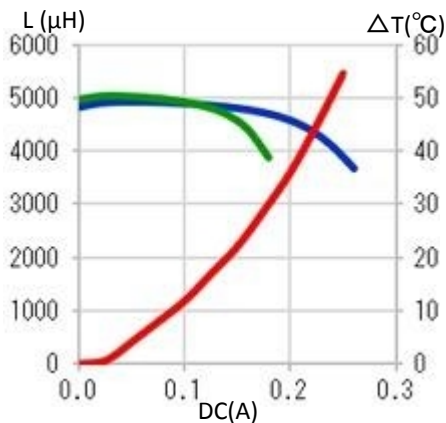
直流饱和电流&温度上升曲线图

— L (20°C) — L (150°C) — ΔT

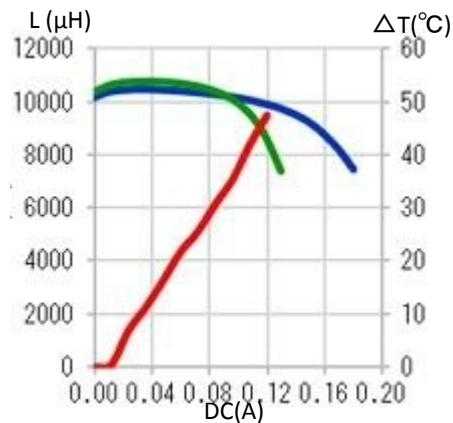
1. CDR106T150NP-471KC



2. CDR106T150NP-472KC



3. CDR106T150NP-103KC



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