

SMD Power Inductor

CDRR127



特点

- Magnetically shielded ..
- L×W×H: 12.8×12.8×7.85 mm Max.
- Product weight: 3.8g (Ref.)
- Moisture Sensitivity Level: 1
- Qualification to AEC-Q200



环境规格

- Operating Temperature: -40°C to +125°C (including self-heating)
- Storage temperature range: -40°C~+125°C

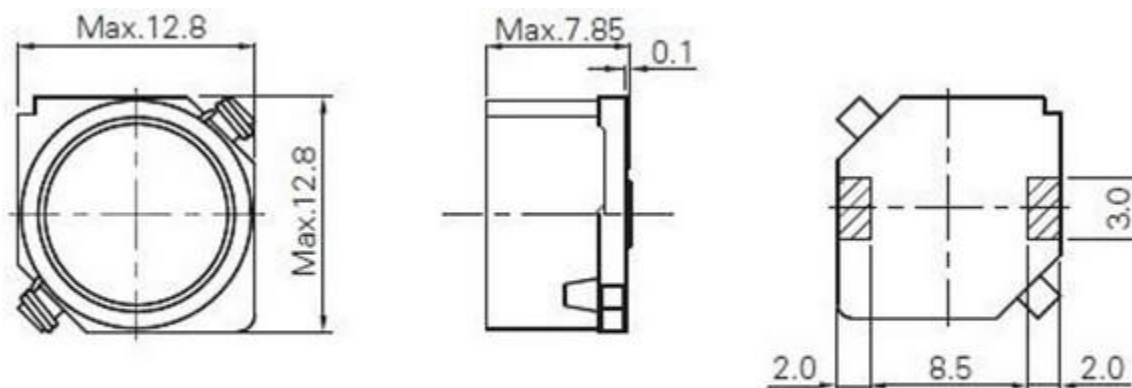
包装

- Carrier tape and reel packaging

用途

- High temp and high reliability automotive applications

外形尺寸 - [mm]



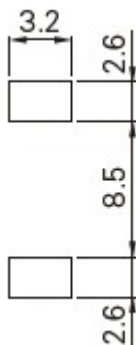
*Dimension does not include the soldering joint between the coil and terminal

SMD Power Inductor

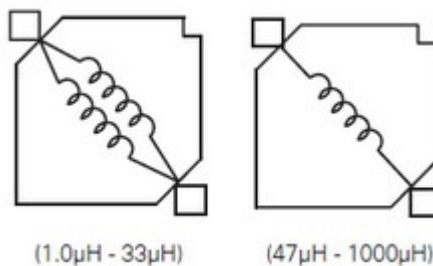
CDRR127



推荐焊盘尺寸 - [mm]



接线图 (底面)



SMD Power Inductor
CDRR127

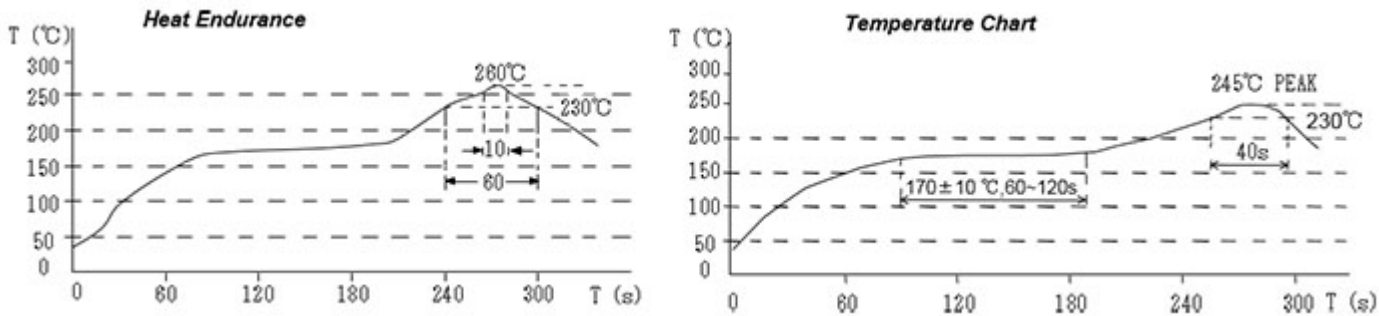


电气特性规格

品名	电感值 [within] (μ H) ※1	直流电阻 (20℃) [Within] (m Ω)	饱和电流 (A) Max. (Typ.) ※2	温度上升电流 (A) Max. (Typ.) ※3
CDRR127NP-1R0NC	1.00 $\pm$ 30%	6.00 $\pm$ 20%	19.00 (24.50)	(10.50)
CDRR127NP-2R7NC	2.70 $\pm$ 30%	8.30 $\pm$ 20%	12.80 (16.00)	(9.10)
CDRR127NP-3R3NC	3.30 $\pm$ 30%	9.60 $\pm$ 20%	11.00 (13.80)	(8.20)
CDRR127NP-5R6NC	5.60 $\pm$ 30%	11.60 $\pm$ 20%	8.00 (10.10)	(7.10)
CDRR127NP-6R8NC	6.80 $\pm$ 30%	13.10 $\pm$ 20%	7.20 (9.00)	(6.70)
CDRR127NP-100MC	10.00 $\pm$ 20%	15.60 $\pm$ 20%	5.90 (7.30)	(5.40)
CDRR127NP-150MC	15.00 $\pm$ 20%	18.40 $\pm$ 20%	4.80 (6.10)	(5.00)
CDRR127NP-220MC	22.00 $\pm$ 20%	26.30 $\pm$ 20%	4.20 (5.20)	(4.00)
CDRR127NP-330MC	33.00 $\pm$ 20%	39.50 $\pm$ 20%	3.30 (4.20)	(3.50)
CDRR127NP-470MC	47.00 $\pm$ 20%	52.80 $\pm$ 20%	2.80 (3.40)	(3.00)
CDRR127NP-680MC	68.00 $\pm$ 20%	77.80 $\pm$ 20%	2.10 (2.70)	(2.40)
CDRR127NP-101MC	100 $\pm$ 20%	125 $\pm$ 20%	1.90 (2.30)	(2.00)
CDRR127NP-151MC	150 $\pm$ 20%	175 $\pm$ 20%	1.50 (1.90)	(1.60)
CDRR127NP-221MC	220 $\pm$ 20%	258 $\pm$ 20%	1.30 (1.60)	(1.30)
CDRR127NP-331MC	330 $\pm$ 20%	340 $\pm$ 20%	1.10 (1.30)	(1.10)
CDRR127NP-471MC	470 $\pm$ 20%	554 $\pm$ 20%	0.90 (1.10)	(0.90)
CDRR127NP-681MC	680 $\pm$ 20%	846 $\pm$ 20%	0.70 (0.90)	(0.70)
CDRR127NP-102MC	1000 $\pm$ 20%	1271 $\pm$ 20%	0.60 (0.80)	(0.57)

- ※1 Inductance tested at 100kHz.
- ※2 Saturation current: This indicates the value of current when the inductance is 10% lower than its initial value.
- ※3 Temperature rise current: The value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).

回流焊耐热与推荐温度曲线图

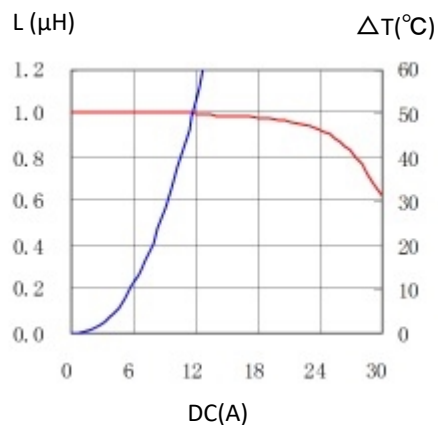




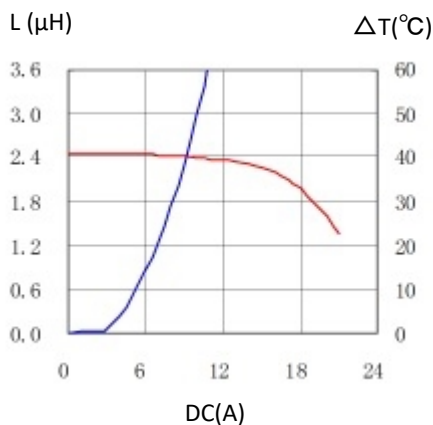
直流饱和电流&温度上升曲线图

— L (20°C) — ΔT

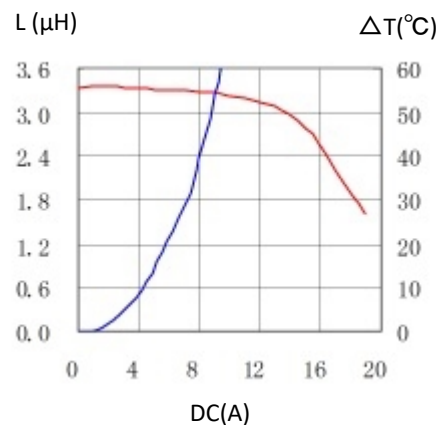
1. CDRR127NP-1R0NC



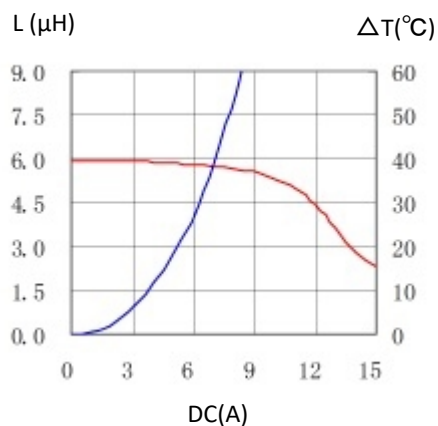
2. CDRR127NP-2R7NC



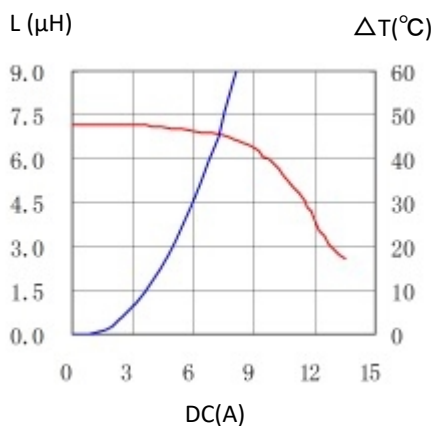
3. CDRR127NP-3R3NC



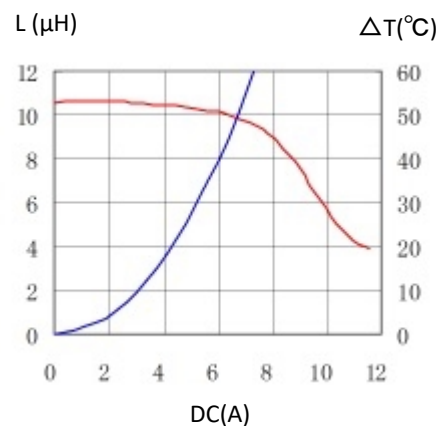
4. CDRR127NP-5R6NC



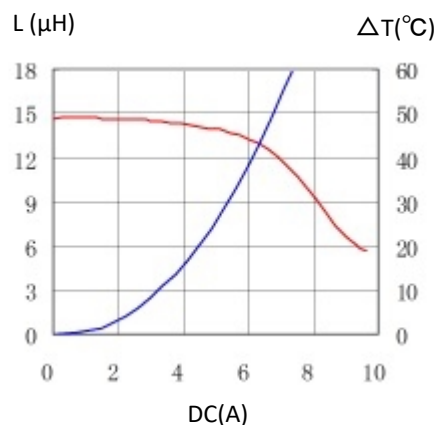
5. CDRR127NP-6R8NC



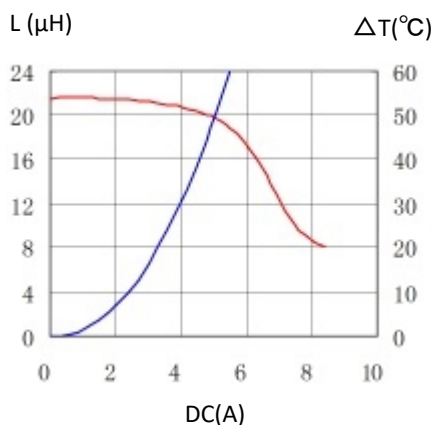
6. CDRR127NP-100MC



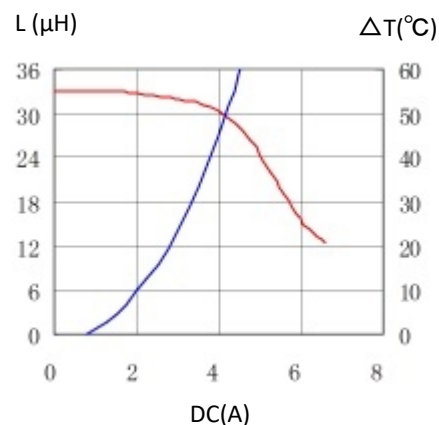
7. CDRR127NP-150MC



8. CDRR127NP-220MC



9. CDRR127NP-330MC

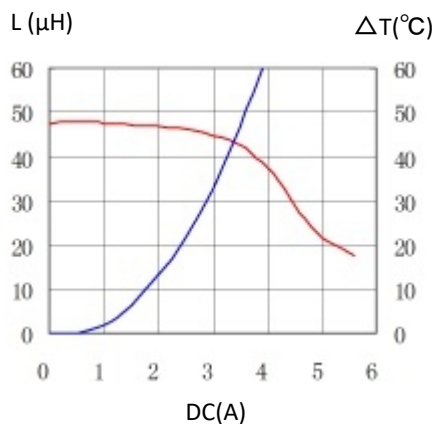


SMD Power Inductor

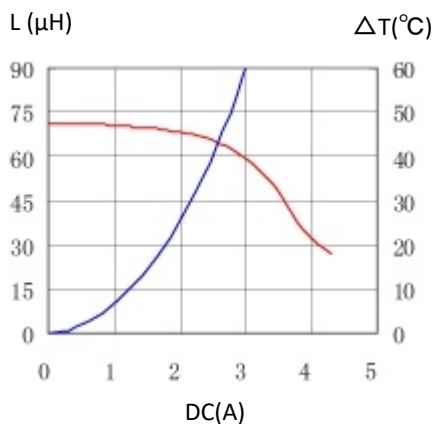
CDRR127



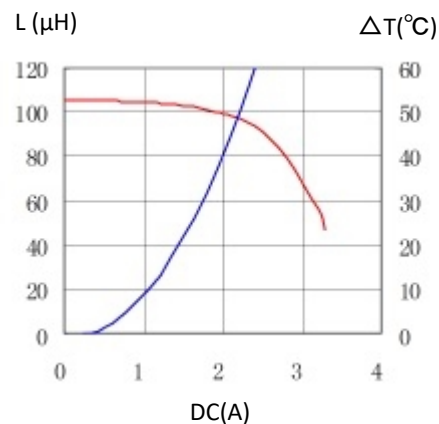
10. CDRR127NP-470MC



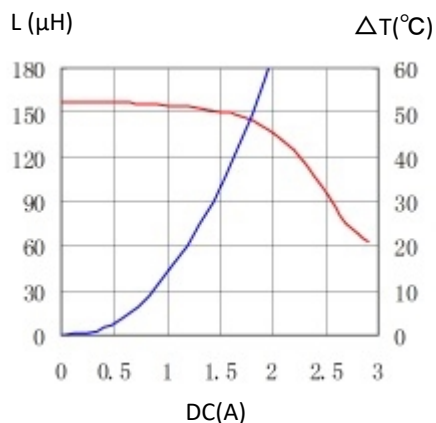
11. CDRR127NP-680MC



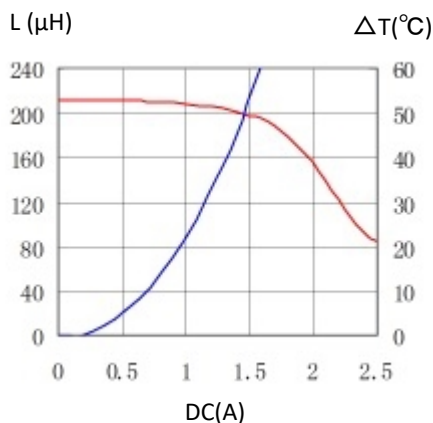
12. CDRR127NP-101MC



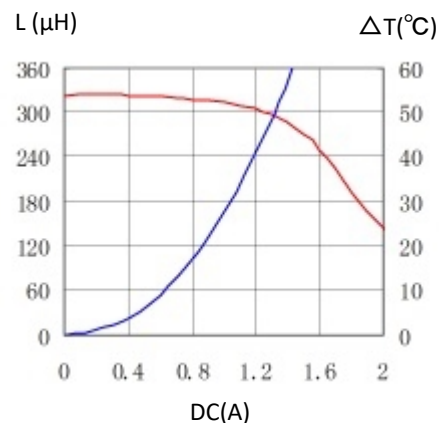
13. CDRR127NP-151MC



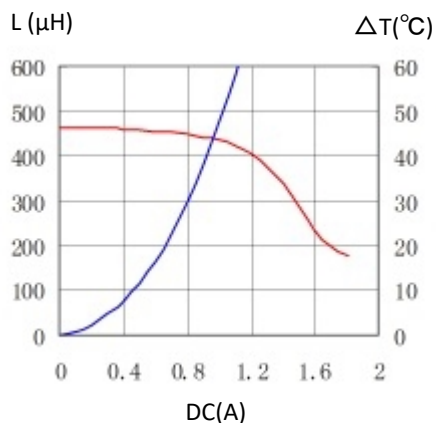
14. CDRR127NP-221MC



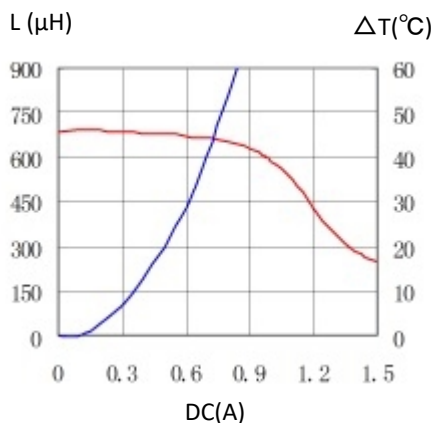
15. CDRR127NP-331MC



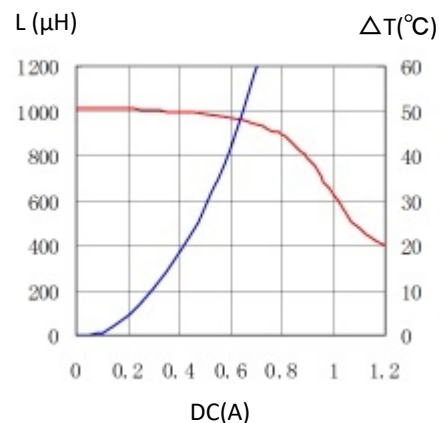
16. CDRR127NP-471MC



17. CDRR127NP-681MC



18. CDRR127NP-102MC



有关销售办事处的信息，请 [点击这里](#)。