

SMD Power Inductor

CDRR73



特性

- Ferrite drum core construction
- Magnetically shielded
- L × W × H: 7.2 × 7.2 × 3.4 mm Max.
- Product weight: 0.6 g(Ref.)
- Moisture Sensitivity Level: 1
- RoHS compliance



環境データ

- Operating temperature range: -40°C~+125°C(including coil's self temperature rise)
- Storage temperature range: -40°C~+125°C
- Solder reflow temperature: Storage temperature range: 260°C

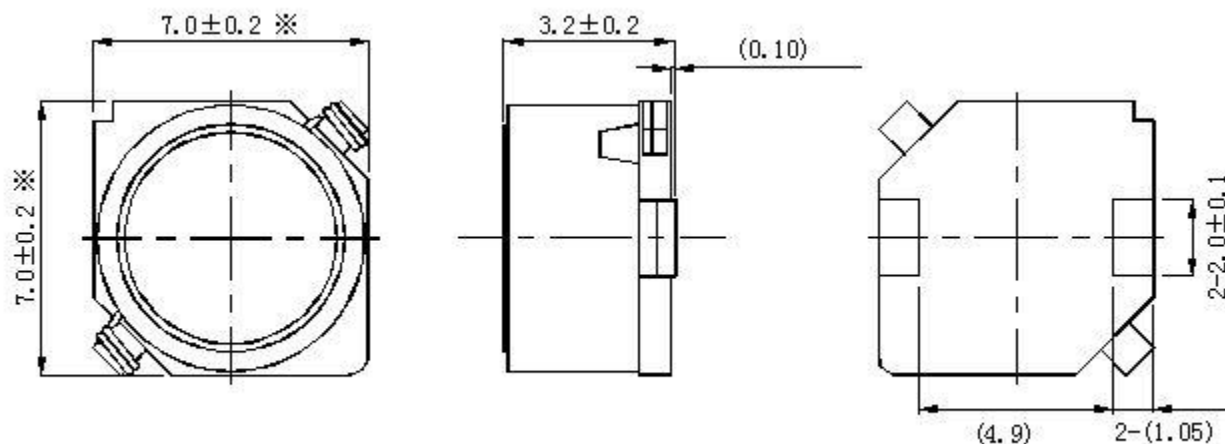
梱包

- Carrier tape and reel packaging
- 13.0" diameter reel
- 1500pcs per reel

用途

- For consumer electronics: HDD, personal computer, LCD display, etc.

外形寸法 - [mm]



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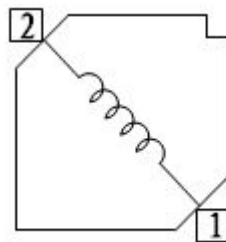
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推奨ランド寸法 - [mm]



結線図





電氣的特性

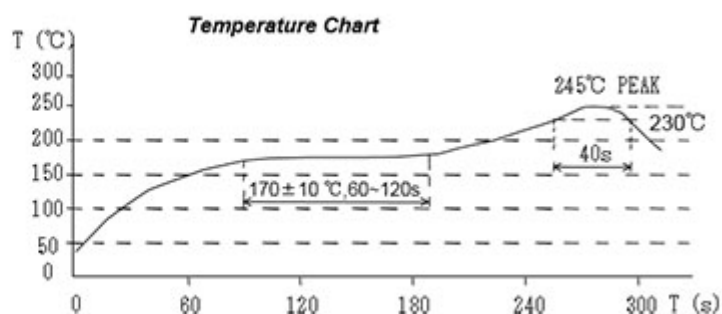
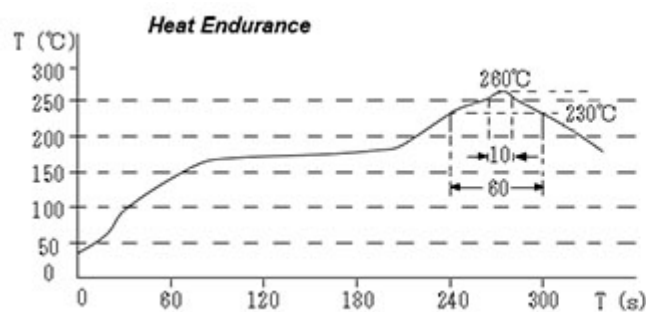
品名	インダクタンス範囲 (μ H) ※1	D.C.R. (m Ω) 20°C Max.(Typ.)	直流重畳電流 (A) Max.(Typ.) ※2	温度上昇電流 (A) Max.(Typ.) ※3
CDRR73NP-3R3MC	3.30 $\pm$ 20%	32.00 (25.00)	2.30 (2.90)	(3.45)
CDRR73NP-6R8MC	6.80 $\pm$ 20%	52.00 (41.00)	1.60 (2.10)	(2.00)
CDRR73NP-100MC	10.00 $\pm$ 20%	69.00 (55.00)	1.40 (1.70)	(1.90)
CDRR73NP-150MC	15.00 $\pm$ 20%	97.00 (77.00)	1.10 (1.40)	(1.58)
CDRR73NP-220MC	22.00 $\pm$ 20%	137 (109)	0.96 (1.12)	(1.25)
CDRR73NP-330MC	33.00 $\pm$ 20%	193 (154)	0.75 (0.91)	(0.95)
CDRR73NP-470MC	47.00 $\pm$ 20%	247 (197)	0.67 (0.70)	(0.85)
CDRR73NP-680MC	68.00 $\pm$ 20%	364 (291)	0.54 (0.62)	(0.70)
CDRR73NP-101MC	100 $\pm$ 20%	540 (450)	0.42 (0.52)	(0.60)
CDRR73NP-151MC	150 $\pm$ 20%	753 (602)	0.37 (0.44)	(0.47)
CDRR73NP-221MC	220 $\pm$ 20%	1260 (1050)	0.29 (0.35)	(0.37)
CDRR73NP-331MC	330 $\pm$ 20%	2004 (1670)	0.22 (0.28)	(0.28)
CDRR73NP-471MC	470 $\pm$ 20%	2460 (1670)	0.20 (0.24)	(0.26)
CDRR73NP-681MC	680 $\pm$ 20%	3780 (3150)	0.16 (0.18)	(0.22)
CDRR73NP-102MC	1000 $\pm$ 20%	5736 (4780)	0.13 (0.16)	(0.16)

※1. Inductance measuring condition: at 100 kHz.

※2. Saturation current: The value of D.C. current when the inductance decreases to 90% of it's nominal value.

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

はんだリフロー条件



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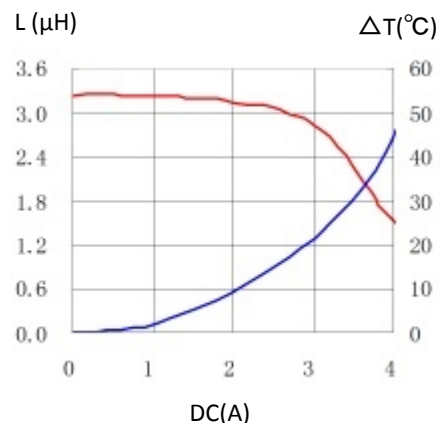
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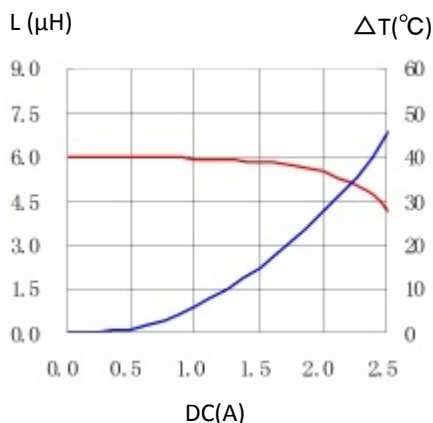
直流重畳電流・温度上昇電流グラフ

— L (20°C) — ΔT

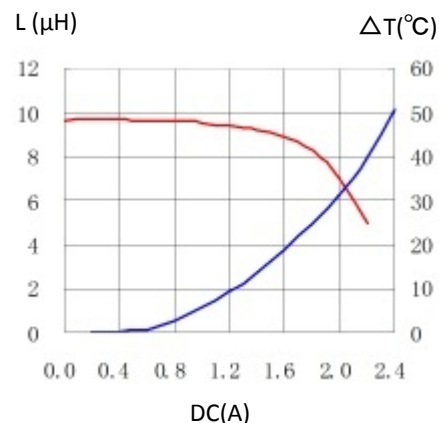
1. CDRR73NP-3R3MC



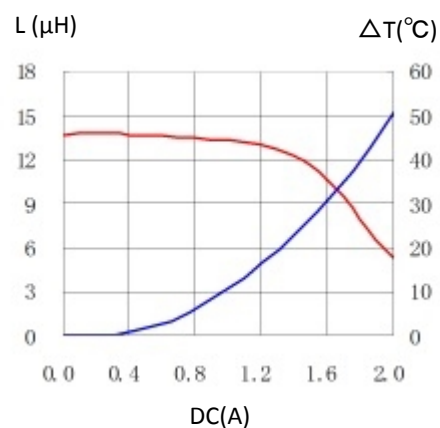
2. CDRR73NP-6R8MC



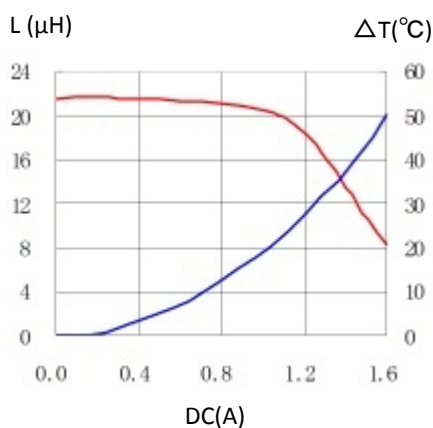
3. CDRR73NP-100MC



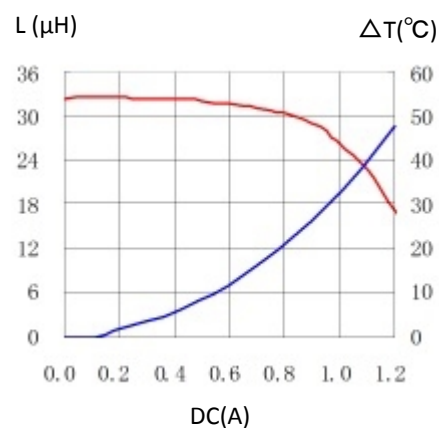
4. CDRR73NP-150MC



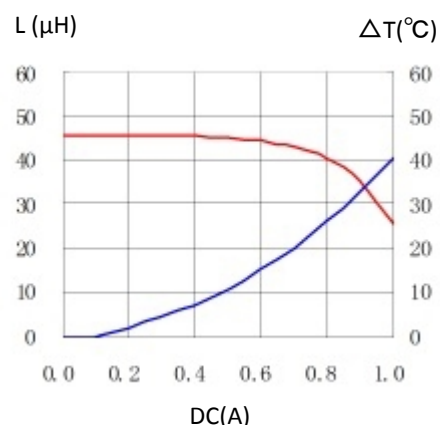
5. CDRR73NP-220MC



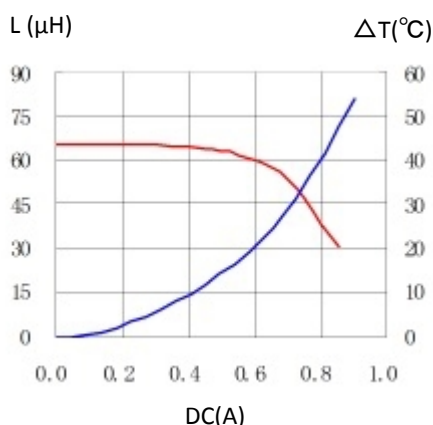
6. CDRR73NP-330MC



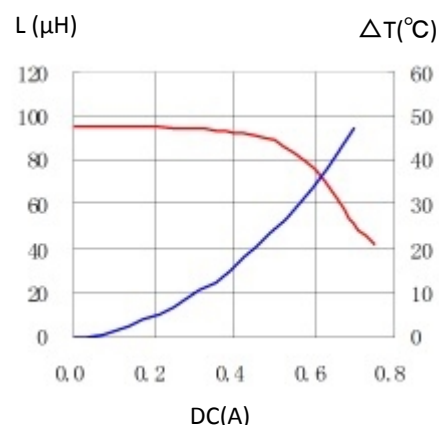
7. CDRR73NP-470MC



8. CDRR73NP-680MC



9. CDRR73NP-101MC



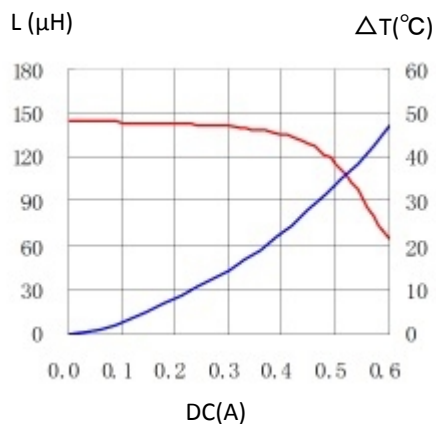
備考: 本仕様書は、製品の改善等により記載内容を予告なく変更することがありますのでご了承ください。また、ご注文の際のお問い合わせは、最寄りの地域営業へご連絡ください。

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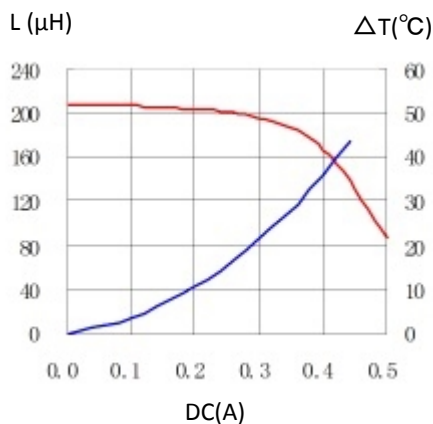
CDRR73



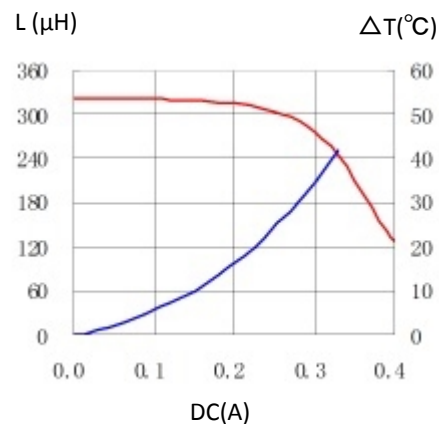
10. CDRR73NP-151MC



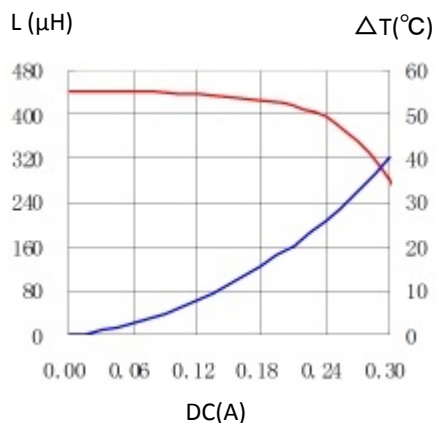
11. CDRR73NP-221MC



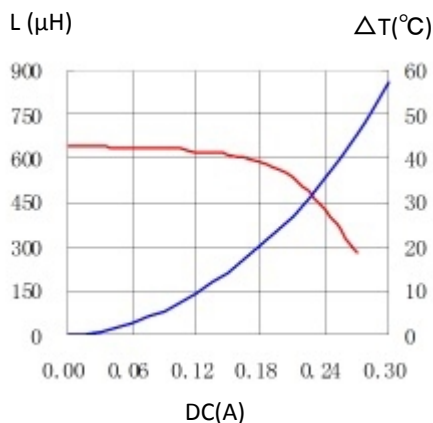
12. CDRR73NP-331MC



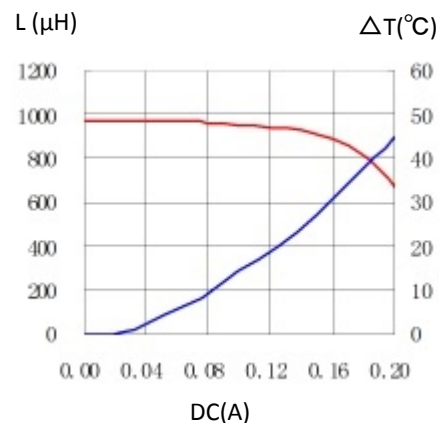
13. CDRR73NP-471MC



14. CDRR73NP-681MC



15. CDRR73NP-102MC



営業所情報のために、当社のウェブサイトを訪問する [ここをクリック](#) してください。