SMD Power Inductor

1265CDMCC/DS

注目の製品

特性

- Metal compound molding type construction
- Magnetically shielded
- Low audible core noise
- Suitable for large current
- L×W×H: 13.8×12.9×6.5mm Max.
- Product weight: 6.17g (ref.)
- Moisture Sensitivity Level: 1

環境データ

- Storage temperature range: −55℃ ～+125℃
- Operation Temperature range: −55℃～+125℃ (including coil's temperature rise)

梱包

- Carrier tape and reel packaging
- 500pcs per reel

用途

- Ideally used in notebook, ultrabook, tablet PC, LCD display, Server application
- High current, POL converters
- Low profile, high current power supplies
- Battery powered devices
- DC/DC converter in distributed power systems

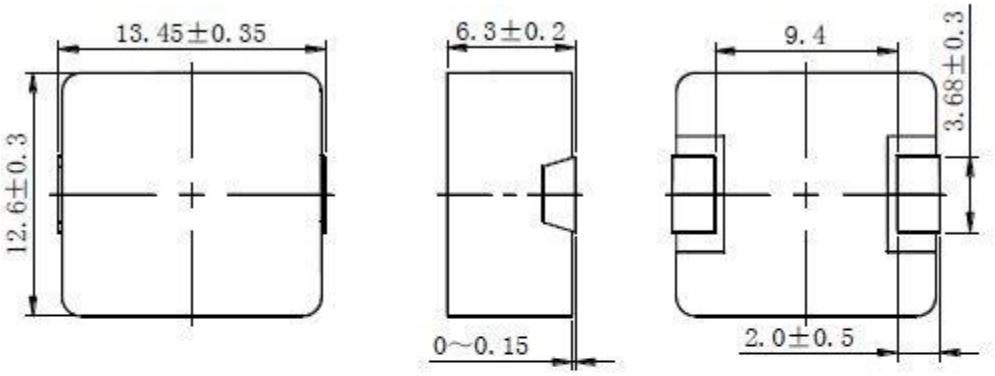
SMD Power Inductor

1265CDMCC/DS

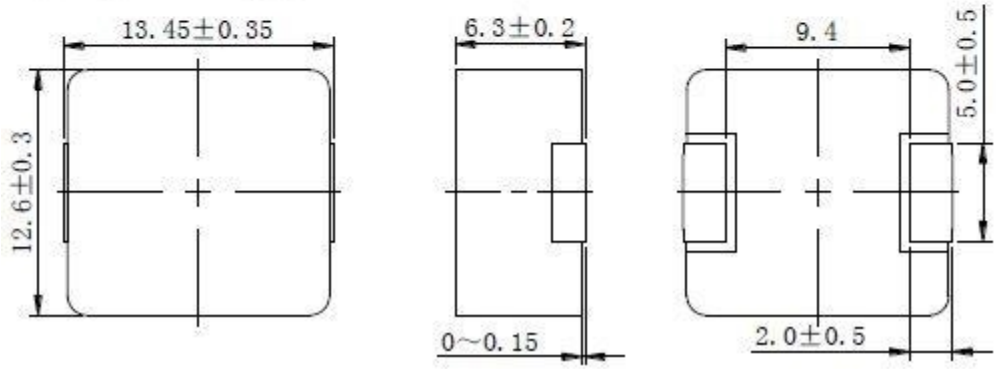
注目の製品

外形寸法 – [mm]

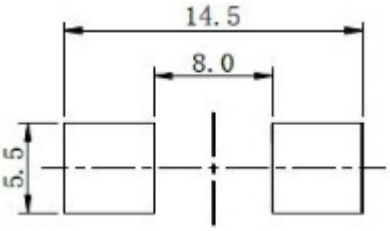
(1.0μH～3.3μH)



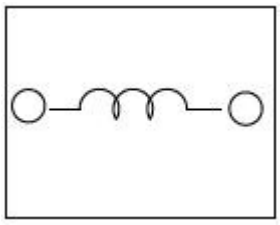
(4.7μH～33.0μH)



推奨ランド寸法 – [mm]



結線図



SMD Power Inductor

1265CDMCC/DS

注目の製品

電気的特性

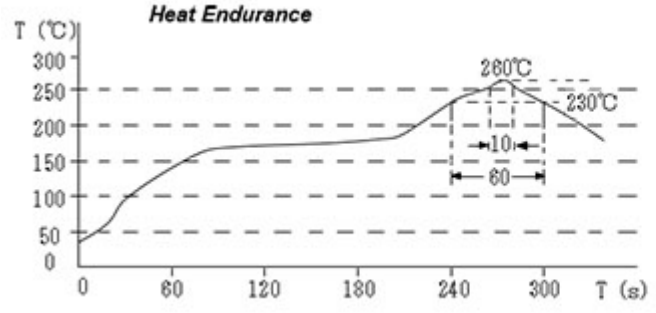
品名	インダクタンス範囲 (μH) ※1	D.C.R. (mΩ) 20℃ Max.(Typ.)	直流重畳電流 (A) Max.(Typ.) ※2	温度上昇電流 (A) Max.(Typ.) ※3
1265CDMCCDS-1R0MC	1.00 ± 20%	1.80 (1.50)	34.80 (41.00)	(33.00)
1265CDMCCDS-1R5MC	1.50 ± 20%	2.40 (2.00)	34.00 (40.00)	(28.50)
1265CDMCCDS-2R2MC	2.20 ± 20%	3.40 (2.80)	27.20 (32.00)	(23.00)
1265CDMCCDS-3R3MC	3.30 ± 20%	4.50 (3.70)	20.40 (24.00)	(21.00)
1265CDMCCDS-4R7MC	4.70 ± 20%	8.20 (6.80)	19.50 (23.00)	(15.00)
1265CDMCCDS-5R6MC	5.60 ± 20%	11.20 (9.30)	18.70 (22.00)	(13.00)
1265CDMCCDS-6R8MC	6.80 ± 20%	11.50 (9.50)	17.80 (21.00)	(12.50)
1265CDMCCDS-8R2MC	8.20 ± 20%	13.20 (11.00)	17.00 (20.00)	(12.00)
1265CDMCCDS-100MC	10.00 ± 20%	18.00 (15.00)	15.30 (18.00)	(10.00)
1265CDMCCDS-120MC	12.00 ± 20%	21.00 (17.50)	14.00 (16.50)	(8.50)
1265CDMCCDS-150MC	15.00 ± 20%	25.50 (21.00)	11.00 (13.00)	(7.50)
1265CDMCCDS-220MC	22.00 ± 20%	36.50 (30.50)	10.20 (12.00)	(7.00)
1265CDMCCDS-330MC	33.00 ± 20%	50.00 (42.00)	8.50 (10.00)	(6.00)

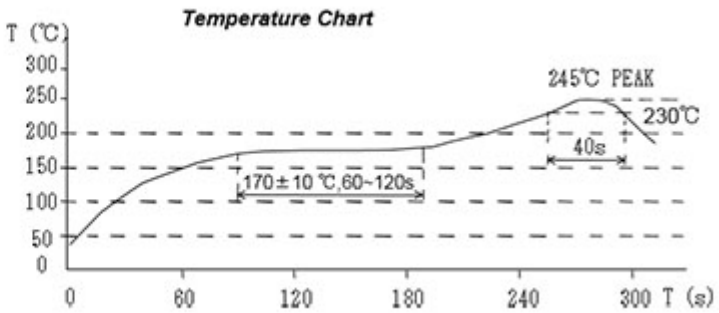
※1 Measuring frequency Inductance at 1MHz 1V.

※2 Saturation current: The value of D.C. current when the inductance decreases to 70% of the initial value.

※3 Temperature rise current: The value of D.C. current when the temperature of coil becomes △T=40℃ (Ta＝25℃). (Test board condition: FR4, Copper=70μm, four-layer PWB t=1.6mm)

はんだリフロー条件





SMD Power Inductor

1265CDMCC/DS

RoHS Compliance Cd: Max. 0.01wt% Others: Max. 0.1wt%

Halogen Free

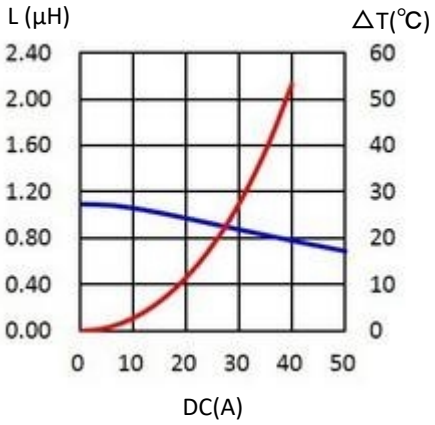
sumida

注目の製品

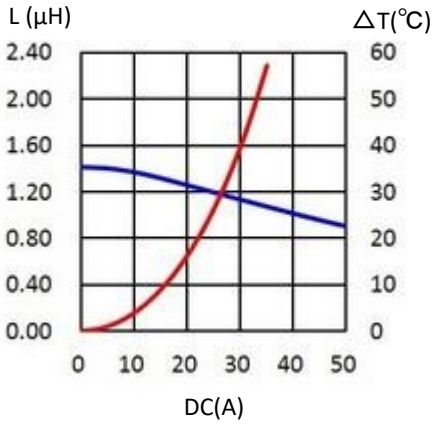
直流重畳電流・温度上昇電流グラフ

L (20°C)　　△T

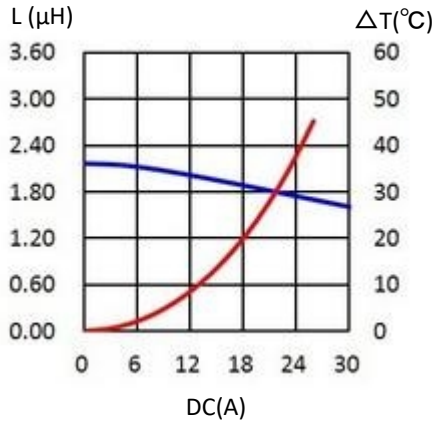
1. 1265CDMCCDS-1R0MC



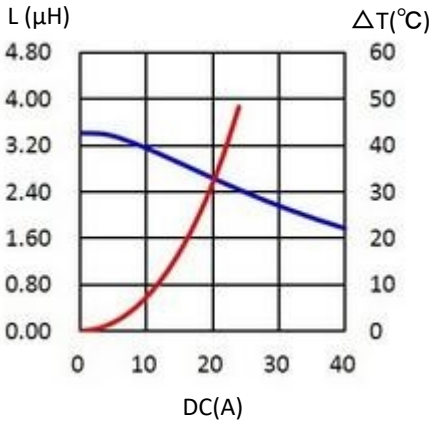
2. 1265CDMCCDS-1R5MC



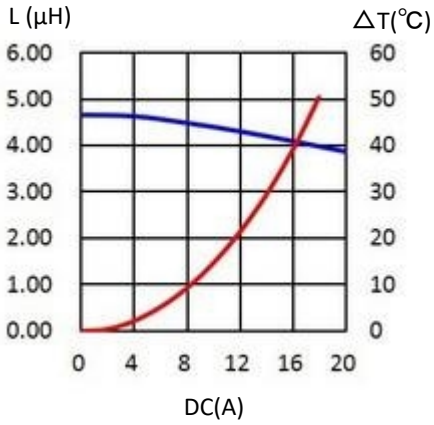
3. 1265CDMCCDS-2R2MC



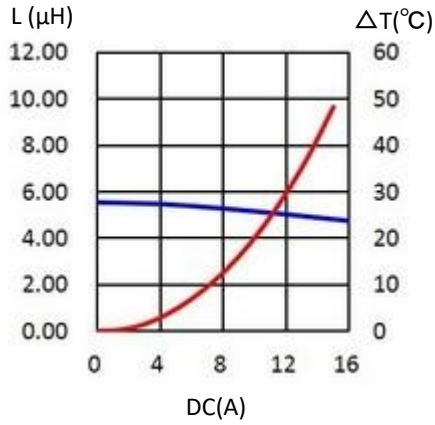
4. 1265CDMCCDS-3R3MC



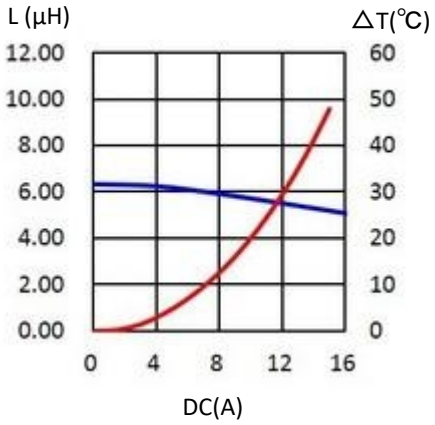
5. 1265CDMCCDS-4R7MC



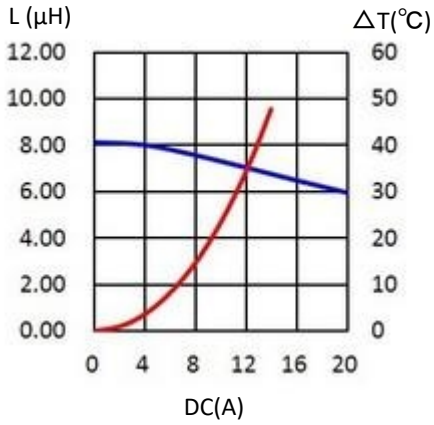
6. 1265CDMCCDS-5R6MC



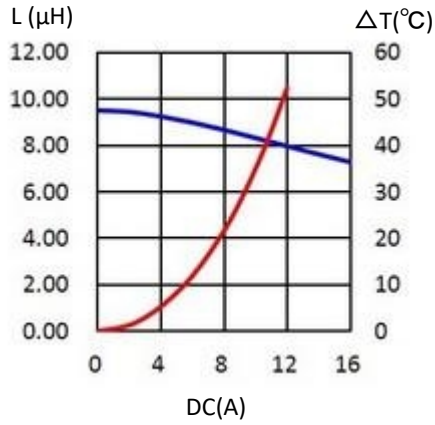
7. 1265CDMCCDS-6R8MC



8. 1265CDMCCDS-8R2MC



9. 1265CDMCCDS-100MC

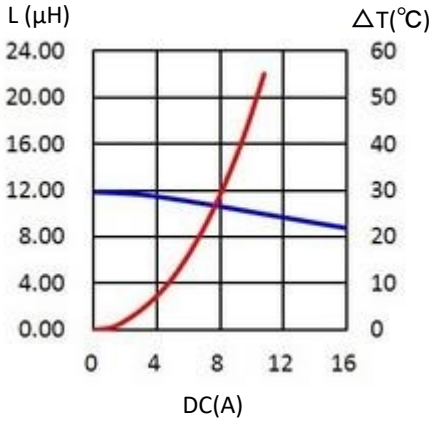


SMD Power Inductor

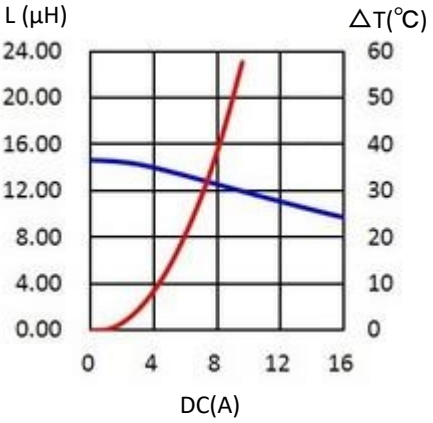
1265CDMCC/DS

注目の製品

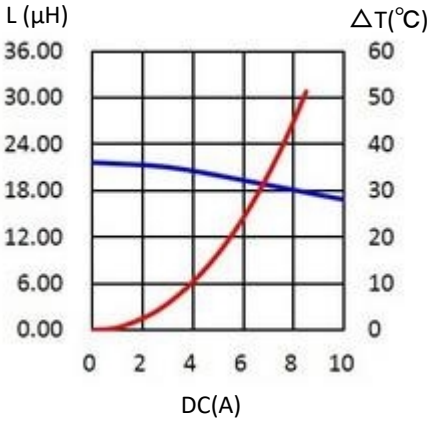
10. 1265CDMCCDS-120MC



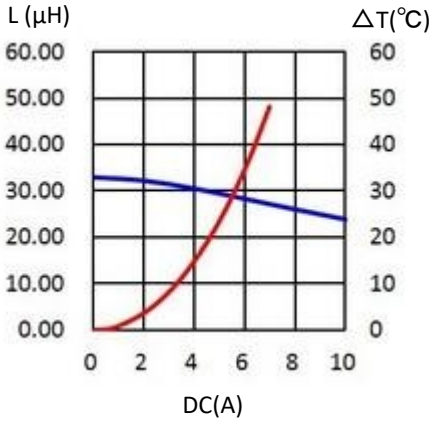
11. 1265CDMCCDS-150MC



12. 1265CDMCCDS-220MC



13. 1265CDMCCDS-330MC



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。