

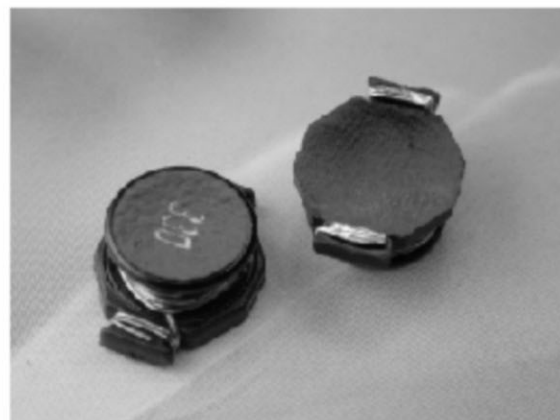
PRODUCT STANDARD SPECIFICATIONS

**SMD POWER
INDUCTORS**

DL Series

Features (特性) :

- * Open Magnetic circuit construction.
(开磁路构造设计)
- * Compact and thin. (轻便薄小)
- * Available in various sizes.
(多种尺寸可供选择)
- * Large Current and Low DCR.
(大电流及低直流阻抗)



Applications (用途) :

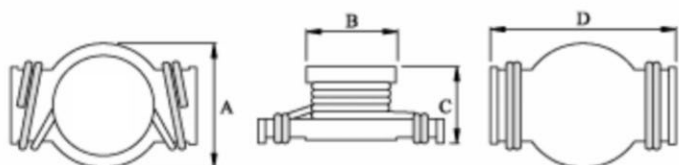
- * Notebook. PC.
DC/DC converter. PDA.
(笔记本电脑、台式电脑
DC-DC直流转换器、PDA)

Product Identifications (产品识别)

DL 0609 T- 100 M
(1) (2) (3) (4) (5)

(1)、Series name (产品品名)	(4)、Inductance value (电感值)
(2)、Dimensions (产品尺寸) mm 0609: 8.9*6.10*5.0 (L*W*H)	4R7: 4.7 μH; 100: 10 μH; 221: 220 μH
(3)、Packaging style (包装类型) T: Taping [载盘]	(5)、Tolerance (误差值) (K: ±10%; M: ±20%; N: ±30%)

Configurations & Dimensions (结构图及规格尺寸)



Unit: mm

Type (型式)	A (max)	B (max)	C (max)	D (max)
DL0609	6.10	5.00	5.00	8.90
DL1013	9.91	8.60	6.35	13.21
DL1622	16.26	13.00	8.00	22.35

*Design as Customer's Requested Specifications (可按顾客的特殊需求设计)



Electrical Characteristics for DL0609T Series [DL0609T 系列电特性规格]

Part Number 产品型号	Inductance (μH) 电感值	Test Freq (KHz) 测试频率	Rdc (max Ω) 直流阻抗	Idc (max A) 定格电流
DL0609T-R56N	0.56	100	0.010	7.70
DL0609T-1R2N	1.20	100	0.017	5.30
DL0609T-2R2N	2.20	100	0.035	3.50
DL0609T-3R3N	3.30	100	0.042	3.00
DL0609T-4R7N	4.70	100	0.054	2.60
DL0609T-100M	10.0	100	0.110	1.90
DL0609T-150M	15.0	100	0.170	1.50
DL0609T-220M	22.0	100	0.250	1.20
DL0609T-330M	33.0	100	0.350	0.99
DL0609T-470M	47.0	100	0.470	0.87

Electrical Characteristics for DL1013T Series [DL1013T 系列电特性规格]

Part Number 产品型号	Inductance (μH) 电感值	Test Freq (KHz) 测试频率	Rdc (max Ω) 直流阻抗	Idc (max A) 定格电流
DL1013T-R33N	0.33	100	0.020	20.00
DL1013T-R68N	0.68	100	0.050	13.00
DL1013T-1R0N	1.00	100	0.060	11.00
DL1013T-1R5N	1.50	100	0.008	9.00
DL1013T-2R2N	2.20	100	0.011	7.80
DL1013T-2R7N	2.70	100	0.012	7.00
DL1013T-3R3N	3.30	100	0.014	6.40
DL1013T-4R7N	4.70	100	0.018	5.40

Electrical Characteristics for DL1622T Series [DL1622T 系列电特性规格]

Part Number 产品型号	Inductance (μH) 电感值	Test Freq (KHz) 测试频率	Rdc (max Ω) 直流阻抗	Idc (max A) 定格电流
DL1622T-R78N	0.78	100	0.003	30.00
DL1622T-1R5N	1.50	100	0.040	25.00
DL1622T-2R2N	2.20	100	0.007	20.00
DL1622T-3R3N	3.30	100	0.009	17.00
DL1622T-3R9N	3.90	100	0.010	15.00
DL1622T-4R7N	4.70	100	0.017	13.00
DL1622T-6R0N	6.00	100	0.020	12.00
DL1622T-7R8N	7.80	100	0.022	11.00
DL1622T-100M	10.0	100	0.030	10.00
DL1622T-150M	15.0	100	0.040	8.00

* Operating Temp: -30°C~+85°C; * Test equipment: L =HP4194A or equivalent, RDC=VP-2941A or equivalent;

Rated current: Value obtained when current flows and the temperature has risen to 30°C or when DC current flows and the initial value of inductance has fallen by 15%, whichever is smaller.

(定格电流的定义: 使产品温升达到30°C的电流, 或使电感值下降15%时的电流, 以上两者中取最小者。)