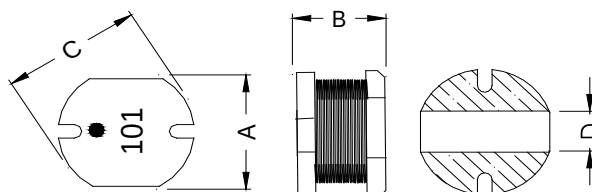




SMD POWER INDUCTORS

DCD 系列表贴功率电感 SMD Power Inductors DCD Series

◇ 外观尺寸 / SHAPE AND DIMENSIONS



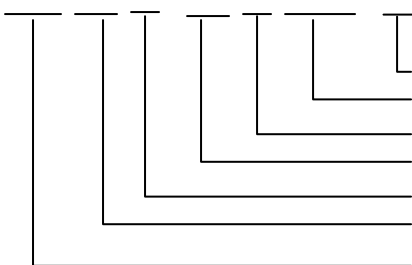
型 号 Type	尺寸 / Dimensions (mm)				数量 / 卷 Amount / reel (Pcs)
	A	B	C	D (Ref.)	
DCD043 –	4.0±0.3	3.2±0.3	4.5±0.3	1.0	1500
DCD054 –	5.2±0.3	4.5±0.4	5.8±0.3	1.6	1500
DCD073 –	7.0±0.3	3.5±0.5	7.8±0.3	2.4	1000
DCD075 –	7.0±0.3	5.0±0.5	7.8±0.3	2.4	1000
DCD104 –	9.0±0.3	4.0±0.5	10.0±0.3	3.1	500
DCD105 –	9.0±0.3	5.4±0.5	10.0±0.3	3.1	500

◇ 应用 / USES

- * 液晶显示器 / LCD inverter
- * DC-DC 变换器 / DC-DC converter
- * 笔记本电脑 / Notebook personal computers
- * 远程通信设备 / Telecommunication equipment
- * 个人数字助理 / PDA
- * 数位相机 / Digital camera
- * MP4 播放机
- * DVD 播放机

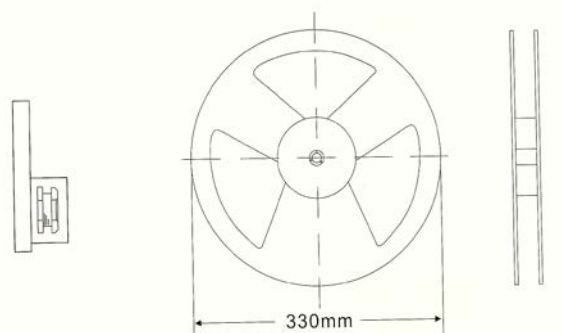
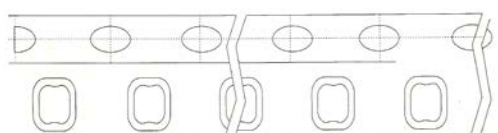
◇ 产品标识 / PRODUCT IDENTIFICATION

DCD 043 T – 1R0 M 2R56 – LF



无铅 / lead-free
额定电流 / Rated current (max) 2R56 = 2.56 A
电感允许误差 / Inductance tolerance M = ±20% K = ±10%
电感值 / Inductance value 1R0 = 1.0 μH
包装方式 / Packaging style T (带装) = Taping (reel) B (散装) = Bulk
尺寸 / Dimensions
系列名称 / Series name

◇ 带装 / TAPE & REEL





SMD POWER INDUCTORS

DCD 系列表贴功率电感

SMD Power Inductors DCD Series

◇ 电气特性 / ELECTRICAL CHARACTERISTICS

品 名 Parts No.	电 感 值 Inductance (μ H)	DCD043 –		DCD054 –		DCD073 –		DCD075 –		DCD104 –		DCD105 –	
		Current (Max) (A)	D.C.R (Max) (Ohms)	Current (Max) (A)	D.C.R (Max) (Ohms)	Current (Max) (A)	D.C.R (Max) (Ohms)	Current (Max) (A)	D.C.R (Max) (Ohms)	Current (Max) (A)	D.C.R (Max) (Ohms)	Current (Max) (A)	D.C.R (Max) (Ohms)
1R0 –	1.0	2.56	0.049	-	-	-	-	-	-	-	-	-	-
1R4 –	1.4	2.52	0.057	-	-	-	-	-	-	-	-	-	-
1R8 –	1.8	1.95	0.064	-	-	-	-	-	-	-	-	-	-
2R2 –	2.2	1.75	0.072	-	-	-	-	-	-	-	-	-	-
2R7 –	2.7	1.58	0.079	-	-	-	-	-	-	-	-	-	-
3R3 –	3.3	1.44	0.087	-	-	-	-	-	-	-	-	-	-
3R9 –	3.9	1.33	0.094	-	-	-	-	-	-	-	-	-	-
4R7 –	4.7	1.15	0.109	-	-	-	-	-	-	-	-	-	-
5R6 –	5.6	1.10	0.126	-	-	-	-	-	-	-	-	-	-
6R8 –	6.8	1.00	0.132	-	-	-	-	-	-	-	-	-	-
8R2 –	8.2	0.93	0.147	-	-	-	-	-	-	-	-	-	-
100 –	10	0.90	0.182	1.44	0.10	1.50	0.08	2.30	0.07	2.50	0.05	2.60	0.04
120 –	12	0.87	0.210	1.40	0.12	1.45	0.09	2.00	0.08	2.30	0.06	2.45	0.05
150 –	15	0.85	0.235	1.30	0.14	1.40	0.10	1.80	0.09	2.15	0.07	2.27	0.06
180 –	18	0.74	0.338	1.23	0.15	1.32	0.11	1.60	0.10	2.05	0.08	2.15	0.07
220 –	22	0.68	0.378	1.10	0.18	1.25	0.13	1.50	0.11	1.87	0.09	1.95	0.08
270 –	27	0.62	0.522	0.97	0.20	1.15	0.15	1.30	0.12	1.73	0.10	1.83	0.09
330 –	33	0.56	0.540	0.88	0.23	1.04	0.17	1.20	0.13	1.60	0.12	1.72	0.10
390 –	39	0.52	0.587	0.80	0.32	0.96	0.22	1.10	0.16	1.44	0.15	1.58	0.11
470 –	47	0.44	0.844	0.72	0.37	0.90	0.25	1.06	0.18	1.32	0.17	1.45	0.12
560 –	56	0.42	0.937	0.68	0.42	0.83	0.28	0.94	0.24	1.20	0.20	1.30	0.14
680 –	68	0.37	1.117	0.61	0.46	0.79	0.33	0.85	0.28	1.10	0.22	1.21	0.17
820 –	82	-	-	0.58	0.60	0.75	0.41	0.78	0.37	1.01	0.25	1.10	0.19
101 –	100	-	-	0.52	0.70	0.70	0.48	0.72	0.43	0.91	0.34	0.99	0.27
121 –	120	-	-	0.48	0.93	0.67	0.54	0.70	0.47	0.85	0.40	0.91	0.35
151 –	150	-	-	0.40	1.10	0.62	0.75	0.67	0.64	0.79	0.54	0.86	0.46
181 –	180	-	-	0.38	1.38	0.58	1.02	0.63	0.71	0.74	0.62	0.81	0.58
221 –	220	-	-	0.35	1.57	0.54	1.20	0.59	0.96	0.69	0.72	0.76	0.66
271 –	270	-	-	-	-	0.50	1.31	0.55	1.11	0.65	0.95	0.71	0.89
331 –	330	-	-	-	-	0.46	1.50	0.51	1.26	0.60	1.10	0.66	0.99
391 –	390	-	-	-	-	-	-	0.47	1.77	0.56	1.24	0.60	1.17
471 –	470	-	-	-	-	-	-	0.45	1.96	0.52	1.53	0.55	1.48
561 –	560	-	-	-	-	-	-	-	-	0.48	1.90	0.51	1.80
681 –	680	-	-	-	-	-	-	-	-	-	-	0.47	2.05
821 –	820	-	-	-	-	-	-	-	-	-	-	0.43	2.25
102 –	1000	-	-	-	-	-	-	-	-	-	-	0.40	2.50

* 电感测试仪器 / Test equipment inductance: Zentech 1075 meter, or equivalent (Test frequency: 1KHz/0.25V).

* 直流阻抗测试仪器 / Test equipment RDC: Zentech 301 meter, or equivalent.

* 额定电流 / Rated current : Value obtained when current flows and the temperature has risen to 20℃ or when DC current flows and the initial value of inductance has fallen by 10%, whichever is smaller.

* 超出以上规格的特殊要求也可满足 / Special inquiries besides the above common used types can be met on your requirement.



DCD 系列表贴功率电感

SMD Power Inductors DCD Series

◇ 回流焊接施工方法 / RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERING

