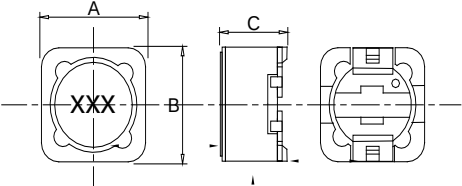


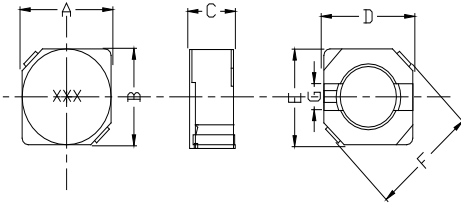


SMD POWER INDUCTORS

DCDRH 系列表贴功率电感

SMD Power Inductors DCDRH Series

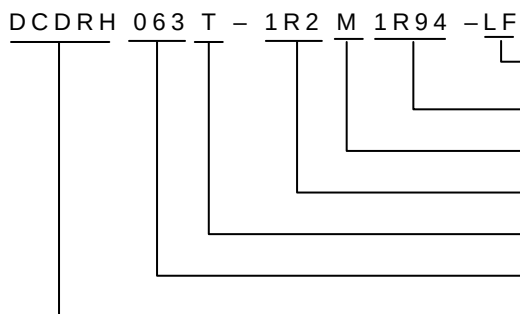
外观尺寸 / SHAPE AND DIMENSIONS	型 号 Type	尺寸 / Dimensions (mm)			数量 / 卷 Amount / reel (PCS)
		A	B	C	
 	DCDRH063 -	6.0 ± 0.2	6.0 ± 0.2	3.0 ± 0.2	1000
	DCDRH073 -	7.0 ± 0.2	7.0 ± 0.2	3.0 ± 0.2	1000
	DCDRH075 -	7.0 ± 0.2	7.0 ± 0.2	5.0 ± 0.2	1000
	DCDRH124 -	12.0 ± 0.2	12.0 ± 0.2	4.0 ± 0.2	500
	DCDRH125 -	12.0 ± 0.2	12.0 ± 0.2	5.0 ± 0.2	500
	DCDRH127 -	12.0 ± 0.2	12.0 ± 0.2	7.0 ± 0.2	500

 	型 号 Type	尺寸 / Dimensions (mm)							数量 / 卷 Amount / reel (PCS)
		A Max	B Max	C Max	D	E	F Max	G	
	DCDRH4D18 -	5.0	5.0	2.0	4.5	4.5	6.9	1.5	2000
	DCDRH4D28 -	5.0	5.0	3.0	4.5	4.5	6.9	1.5	1500
	DCDRH5D28 -	6.0	6.0	3.0	5.5	5.5	8.2	2.0	1000
	DCDRH6D28 -	7.0	7.0	3.0	6.5	6.5	9.5	2.0	1000
	DCDRH6D38 -	7.0	7.0	4.0	6.5	6.5	9.5	2.0	1000

◇ 应用 / USES

- * 液晶电视 / LCD television
- * 笔记本电脑 / Notebook personal computers
- * 数位摄录机 / Digital steel camera
- * 远程通信设备 / Telecommunication equipment
- * 宽频网络 / ADSL
- * 其它电子设备 / Other electronic equipment

◇ 产品标识 / PRODUCT IDENTIFICATION



无铅 / lead-free

额定电流 / Rated current (max) 1R94 = 1.94 A

电感允许误差 / Inductance tolerance M = $\pm 20\%$

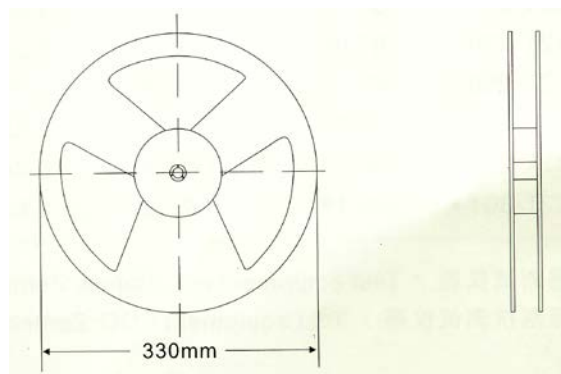
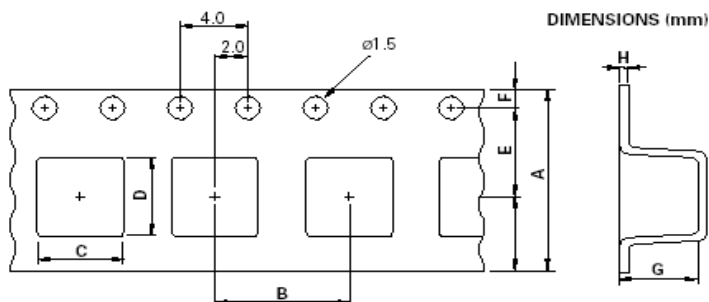
电感值 / Inductance value 1R2 = $1.2 \mu H$

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

DCDRH 系列表贴功率电感

SMD Power Inductors DCDRH Series

◇ 电气特性 / ELECTRICAL CHARACTERISTICS

品 名 Parts No.	电 感 值 Inductance (μ H)	DCDRH063 –		DCDRH073 –		DCDRH075 –		DCDRH124 –		DCDRH125 –		DCDRH127 –	
		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)
1R2 –	1.2	-	-	-	-	-	-	-	-	-	-	9.80	0.007
2R4 –	2.4	-	-	-	-	-	-	-	-	-	-	8.00	0.012
2R9 –	2.9	1.94	0.07	-	-	-	-	-	-	-	-	7.50	0.013
4R0 –	4.0	1.63	0.08	-	-	-	-	6.50	0.015	-	-	7.00	0.015
4R7 –	4.7	1.50	0.09	-	-	-	-	5.70	0.018	5.00	0.020	6.80	0.016
5R5 –	5.5	1.40	0.10	-	-	-	-	5.35	0.020	4.40	0.021	6.70	0.018
6R8 –	6.8	1.30	0.11	-	-	-	-	4.90	0.023	4.30	0.023	6.60	0.020
100 –	10	1.10	0.15	1.68	0.072	1.84	0.049	4.50	0.028	4.00	0.025	5.40	0.022
120 –	12	1.00	0.20	1.52	0.098	1.71	0.058	4.00	0.038	3.50	0.027	4.90	0.025
150 –	15	0.90	0.23	1.33	0.130	1.47	0.081	3.20	0.050	3.30	0.030	4.50	0.027
180 –	18	0.80	0.27	1.20	0.140	1.31	0.091	3.10	0.057	3.00	0.034	3.90	0.040
220 –	22	0.74	0.34	1.07	0.190	1.23	0.11	2.90	0.066	2.80	0.036	3.60	0.044
270 –	27	0.66	0.38	0.96	0.210	1.12	0.15	2.80	0.080	2.30	0.051	3.40	0.046
330 –	33	0.59	0.45	0.91	0.240	0.96	0.17	2.70	0.097	2.10	0.057	3.00	0.065
390 –	39	0.54	0.49	0.77	0.320	0.91	0.23	2.10	0.132	2.00	0.068	2.75	0.073
470 –	47	0.50	0.69	0.76	0.360	0.88	0.26	1.90	0.150	1.80	0.075	2.50	0.100
560 –	56	0.46	0.78	0.68	0.470	0.75	0.35	1.80	0.190	1.70	0.110	2.35	0.110
680 –	68	0.42	1.07	0.61	0.520	0.69	0.38	1.50	0.220	1.50	0.120	2.10	0.140
820 –	82	0.38	1.21	0.57	0.690	0.61	0.43	1.30	0.260	1.40	0.140	1.95	0.160
101 –	100	0.34	1.39	0.50	0.790	0.60	0.61	1.20	0.308	1.30	0.160	1.70	0.220
121 –	120	0.31	1.90	0.49	0.890	0.52	0.66	1.10	0.380	1.10	0.170	1.60	0.250
151 –	150	0.28	2.18	0.43	1.270	0.46	0.88	0.95	0.530	1.00	0.230	1.42	0.280
181 –	180	0.26	2.77	0.39	1.450	0.42	0.98	0.85	0.620	0.90	0.290	1.30	0.350
221 –	220	0.23	3.12	0.35	1.650	0.36	1.17	0.80	0.700	0.80	0.400	1.16	0.390
271 –	270	0.22	4.38	0.32	2.310	0.34	1.64	0.60	0.876	0.75	0.460	1.06	0.560
331 –	330	0.19	4.94	0.28	2.620	0.32	1.86	0.50	0.990	0.68	0.510	0.95	0.640
391 –	390	-	-	0.26	2.940	0.29	2.85	-	-	0.65	0.690	0.88	0.700
471 –	470	-	-	0.24	4.180	0.26	3.01	-	-	0.58	0.770	0.79	0.980
561 –	560	-	-	0.22	4.670	0.23	3.62	-	-	0.54	0.860	0.73	1.070
681 –	680	-	-	0.19	5.730	0.22	4.63	-	-	0.48	1.20	0.67	1.460
821 –	820	-	-	0.18	6.540	0.20	5.20	-	-	0.43	1.34	0.60	1.640
102 –	1000	-	-	0.16	9.440	0.18	6.00	-	-	0.40	1.53	0.55	1.820

* 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°C 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.



SMD POWER INDUCTORS

DCDRH 系列表贴功率电感

SMD Power Inductors DCDRH Series

◇ 电气特性 / ELECTRICAL CHARACTERISTICS

品 名 Parts No.	电 感 值 Inductance (μ H)	DCDRH4D18 –		DCDRH4D28 –		DCDRH5D28 –		DCDRH6D28 –		DCDRH6D38 –	
		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)
1R2 –	1.2	-	-	-	-	-	-	-	-	-	-
2R4 –	2.4	-	-	-	-	-	-	-	-	-	-
2R9 –	2.9	1.94	0.07	-	-	-	-	-	-	-	-
4R0 –	4.0	1.63	0.08	-	-	-	-	6.50	0.015	-	-
4R7 –	4.7	1.50	0.09	-	-	-	-	5.70	0.018	5.00	0.020
5R5 –	5.5	1.40	0.10	-	-	-	-	5.35	0.020	4.40	0.021
6R8 –	6.8	1.30	0.11	-	-	-	-	4.90	0.023	4.30	0.023
100 –	10	1.10	0.15	1.68	0.072	1.84	0.049	4.50	0.028	4.00	0.025
120 –	12	1.00	0.20	1.52	0.098	1.71	0.058	4.00	0.038	3.50	0.027
150 –	15	0.90	0.23	1.33	0.130	1.47	0.081	3.20	0.050	3.30	0.030
180 –	18	0.80	0.27	1.20	0.140	1.31	0.091	3.10	0.057	3.00	0.034
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270 –	27	0.66	0.38	0.96	0.210	1.12	0.15	2.80	0.080	2.30	0.051
330 –	33	0.59	0.45	0.91	0.240	0.96	0.17	2.70	0.097	2.10	0.057
390 –	39	0.54	0.49	0.77	0.320	0.91	0.23	2.10	0.132	2.00	0.068
470 –	47	0.50	0.69	0.76	0.360	0.88	0.26	1.90	0.150	1.80	0.075
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271 –	270	0.22	4.38	0.32	2.310	0.34	1.64	0.60	0.876	0.75	0.460
331 –	330	0.19	4.94	0.28	2.620	0.32	1.86	0.50	0.990	0.68	0.510
391 –	390	-	-	0.26	2.940	0.29	2.85	-	-	0.65	0.690
471 –	470	-	-	0.24	4.180	0.26	3.01	-	-	0.58	0.770
561 –	560	-	-	0.22	4.670	0.23	3.62	-	-	0.54	0.860
681 –	680	-	-	0.19	5.730	0.22	4.63	-	-	0.48	1.20
821 –	820	-	-	0.18	6.540	0.20	5.20	-	-	0.43	1.34
102 –	1000	-	-	0.16	9.440	0.18	6.00	-	-	0.40	1.53

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DCDRH 系列表贴功率电感

SMD Power Inductors DCDRH Series

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

