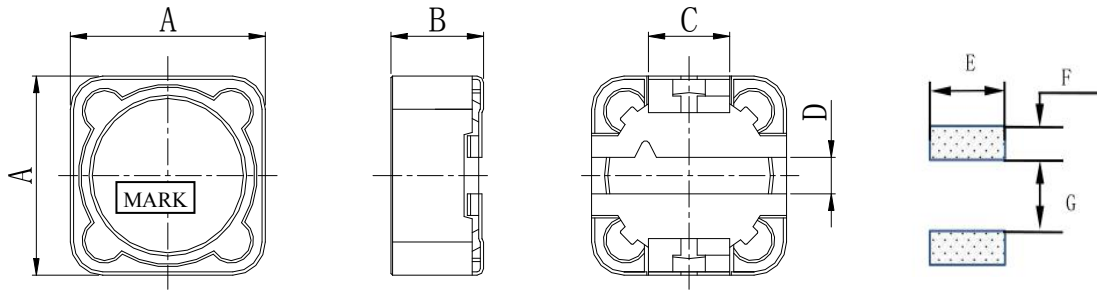


## SMD屏蔽功率电感

机械尺寸Mechanical: (UNIT: mm)



注：印字宋体

TYPE	A(max)	B(max)	C(ref)	D(ref)	E	F	G
CDH124	12.3	5.0	5.0	2.0	5.1	2.1	7.3
CDH125	12.3	6.0	5.0	2.0	5.1	2.1	7.3
CDH127	12.3	8.0	5.0	2.0	5.1	2.1	7.3
CDH129	12.3	9.8	5.0	2.0	5.1	2.1	7.3
CDH1510	15.3	10.8	5.0	2.0	5.1	2.1	10.0

## 电气特性

PART No.	NOMINAL INDUCTANCE ( uH )	DCR ( Ω )MAX	IDC (A) MAX
CDH124-1R0N	1.0	8.00m	7.80
CDH124-1R5N	1.5	11.00m	7.20
CDH124-2R2N	2.2	13.00m	6.00
CDH124-3R3N	3.3	18.00m	5.40
CDH124-3R9N	3.9	21.00m	5.10
CDH124-4R7N	4.7	22.00m	4.80
CDH124-5R6N	5.6	23.00m	4.30
CDH124-6R8N	6.8	26.00m	4.20
CDH124-8R2N	8.2	31.00m	4.00
CDH124-100M	10	39.00m	3.90
CDH124-120M	12	44.00m	3.40
CDH124-150M	15	55.00m	3.20
CDH124-180M	18	65.00m	2.90
CDH124-220M	22	75.00m	2.50
CDH124-270M	27	86.00m	2.25
CDH124-330M	33	112.00m	2.00
CDH124-390M	39	121.00m	1.90
CDH124-470M	47	166.00m	1.80

CDH124-560M	56	182.00m	1.70
CDH124-680M	68	205.00m	1.55
CDH124-820M	82	243.00m	1.35
CDH124-101M	100	299.00m	1.20
CDH124-121M	120	358.00m	1.10
CDH124-151M	150	462.00m	950m
CDH124-181M	180	507.00m	850m
CDH124-221M	220	663.00m	800m
CDH124-271M	270	741.00m	650m
CDH124-331M	330	936.00m	550m
CDH124-391M	390	1.05	500m
CDH124-471M	470	1.30	440m
CDH124-561M	560	1.53	400m
CDH124-681M	680	1.72	370m
CDH124-821M	820	2.21	350m
CDH124-102M	1000	2.67	320m
PART No.	NOMINAL INDUCTANCE ( uH )	DCR ( Ω ) MAX	IDC (A) MAX
CDH125-1R0N	1.0	11.00m	8.50
CDH125-2R2N	2.2	15.50m	6.50
CDH125-3R3N	3.3	18.00m	5.70
CDH125-3R9N	3.9	19.50m	5.25
CDH125-4R7N	4.7	20.50m	4.70
CDH125-5R6N	5.6	21.00m	4.70
CDH125-6R8N	6.8	14.30m	4.40
CDH125-100M	10	25.00m	4.00
CDH125-120M	12	27.00m	3.50
CDH125-150M	15	30.00m	3.30
CDH125-180M	18	34.00m	3.00
CDH125-220M	22	36.00m	2.80
CDH125-270M	27	51.00m	2.30
CDH125-330M	33	57.00m	2.10
CDH125-390M	39	68.00m	2.00
CDH125-470M	47	75.00m	1.80
CDH125-560M	56	110.00m	1.70
CDH125-680M	68	120.00m	1.50
CDH125-820M	82	140.00m	1.40

CDH125-101M	100	160.00m	1.30
CDH125-121M	120	170.00m	1.10
CDH125-151M	150	230.00m	1.00
CDH125-181M	180	290.00m	900m
CDH125-221M	220	400.00m	800m
CDH125-271M	270	460.00m	750m
CDH125-331M	330	510.00m	680m
CDH125-391M	390	690.00m	650m
CDH125-471M	470	770.00m	580m
CDH125-561M	560	860.00m	540m
PART No.	NOMINAL INDUCTANCE ( uH )	DCR ( Ω ) MAX	IDC (A) MAX
CDH127-1R0N	1.0	6.50m	10.40
CDH127-1R5N	1.5	8.50m	9.20
CDH127-2R2N	2.2	11.00m	8.40
CDH127-2R7N	2.7	12.20m	7.80
CDH127-3R3N	3.3	13.00m	7.60
CDH127-3R9N	3.9	14.00m	7.20
CDH127-4R7N	4.7	15.80m	6.80
CDH127-5R6N	5.6	16.70m	6.70
CDH127-6R8N	6.8	18.40m	6.50
CDH127-7R6N	7.6	20.00m	5.90
CDH127-100M	10	23.40m	5.40
CDH127-120M	12	26.00m	4.90
CDH127-150M	15	28.60m	4.50
CDH127-180M	18	39.20m	3.90
CDH127-220M	22	43.20m	3.60
CDH127-270M	27	51.09m	3.30
CDH127-330M	33	64.80m	3.00
CDH127-390M	39	72.90m	2.75
CDH127-470M	47	100.00m	2.50
CDH127-560M	56	110.00m	2.35
CDH127-680M	68	140.00m	2.10
CDH127-820M	82	160.00m	1.95
CDH127-101M	100	220.00m	1.70
CDH127-121M	120	250.00m	1.60
CDH127-151M	150	280.00m	1.42

CDH127-181M	180	290.00m	1.30
CDH127-221M	220	299.00m	1.16
CDH127-271M	270	403.00m	1.06
CDH127-331M	330	455.00m	950m
CDH127-391M	390	494.00m	880m
CDH127-471M	470	689.00m	790m
CDH127-561M	560	793.00m	730m
CDH127-681M	680	988.00m	650m
CDH127-821M	820	1.10	600m
CDH127-102M	1000	1.40	530m
PART No.	NOMINAL INDUCTANCE ( uH )	DCR ( Ω )MAX	IDC (A) MAX
CDH129-3R3N	3.3	16.00m	10.00
CDH129-4R7N	4.7	18.00m	9.50
CDH129-6R8N	6.8	23.00m	9.00
CDH129-100M	10	25.00m	6.80
CDH129-150M	15	26.00m	6.50
CDH129-220M	22	50.00m	5.50
CDH129-330M	33	55.00m	5.00
CDH129-470M	47	66.00m	4.00
CDH129-680M	68	98.00m	2.90
CDH129-820M	820	155.00m	2.60
CDH129-101M	100	164.00m	2.50
CDH129-121M	120	190.00m	2.20
CDH129-151M	150	208.00m	1.70
CDH129-221M	220	350.00m	1.50
CDH129-331M	330	481.00m	1.15
CDH129-471M	470	950.00m	1.00
CDH129-681M	680	1.20	900m
CDH129-821M	820	1.40	850m
PART No.	NOMINAL INDUCTANCE ( uH )	DCR ( Ω )MAX	IDC (A) MAX
CDH1510-1R5N	1.5	10.00m	18.00
CDH1510-3R3N	3.3	13.00m	13.00
CDH1510-6R8N	6.8	15.00m	11.00
CDH1510-100M	10	16.00m	10.00
CDH1510-220M	22	26.00m	8.50

CDH1510-330M	33	45.00m	7.50
CDH1510-470M	47	55.00m	6.00
CDH1510-680M	68	80.00m	4.50
CDH1510-101M	100	120.00m	3.80
CDH1510-151M	150	160.00m	2.70

※ 测试条件:  $L \leq 8.2\mu\text{H}$  测试频率100KHz / 0.25V, ( $N \pm 30\%$ );

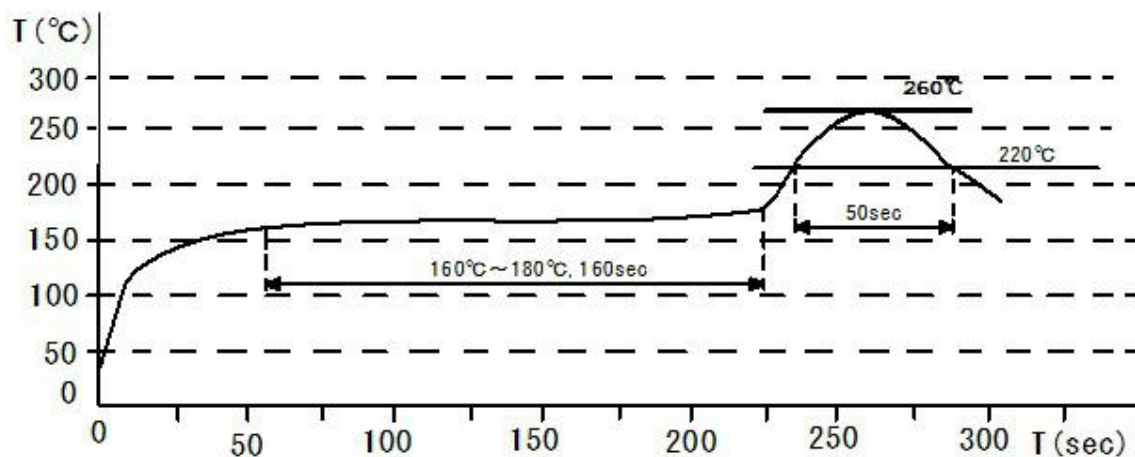
$L > 8.2\mu\text{H}$  测试频率1KHz / 0.25V, ( $M \pm 20\%$ );

※ 测试仪表: HP4291B、502BC、CH1062。

### 电气参数

项目	性能	试验方法
直流叠加特性	加额定电流时电感值的变化为初始值的35%以内	用LCR及相应的偏置电源测定
温度变化	40°C以内	加额定电流,用表面温度计测其温度
过载试验	产品主体不发生表面碎裂、烧焦、终端无松动,无开路等现象	施2倍的额定电流持续5分钟
绝缘电阻	100MΩ以上	在磁心与绕组间施加100V直流电压持续5分钟后
使用温度	包括产品自身发热温度	-40°C~100°C
存储温度特性	产品外观无异常特性规格范围内	-40°C~100°C
耐湿特性	产品外观无异常特性规格范围内	1.温度: $40 \pm 2^\circ\text{C}$ ; 2.湿度: 90%~95%; 3.时间: $96 \pm 2$ 小时。

### 推荐焊接温度曲线图



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