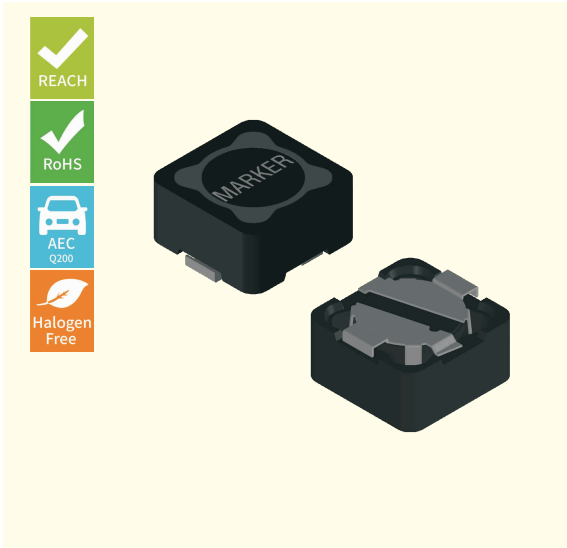


SMD WIRE WOUND POWER INDUCTORS- CDHA7 SERIES

贴片线绕功率电感-CDHA7系列



Features 产品特点

- Ferrite Drum core construction
铁氧体磁芯
- Magnetically shielded
磁屏蔽
- Moisture Sensitivity Level 1
湿敏等级1
- RoHS compliance
符合RoHS标准
- Halogen Free
无卤素
- Operating temperature range -40°C~125°C(Including self - temperature rise)
工作温度范围-40°C~125°C(含自温升)
- AEC-Q200 qualified
通过AEC-Q200认证

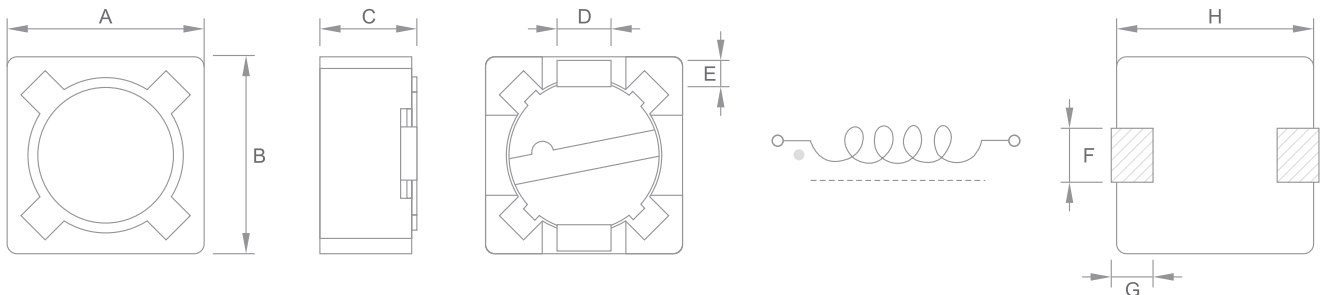
Applications 产品应用

- Car Infotainment
汽车信息娱乐系统
- Air conditioning
空调

Product Identification 产品标识

CDHA Series name	73 Size: 7.3×7.3×3.2mm	2R2 Inductance: 2.2μH	M Tolerance ±20%
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Shape and Dimensions (Unit:mm) 形状和尺寸(单位:毫米)



Series	A	B	C	D	E	F _{Typ}	G _{Typ}	H _{Typ}
CDHA73	7.3±0.3	7.3±0.3	3.2±0.3	2.0±0.1	1.2±0.2	2.4	1.6	7.6
CDHA74	7.3±0.3	7.3±0.3	4.5 MAX	2.0±0.1	1.2±0.2	2.4	1.6	7.6

LINEKEY 功率电感

CDHA73 Electrical Characteristics

CDHA73 电气特性

Part Number	Inductance (μ H)	Tolerance (\pm %)	Test Freq.	DCR Max(m Ω)	Isat (A) TYP	Irms(A) TYP
CDHA73-R54N	0.54	30	100KHz/0.25V	8.5	6.00	5.60
CDHA73-1R0N	1.0	30	100KHz/0.25V	13.5	5.50	5.00
CDHA73-2R2N	2.2	30	100KHz/0.25V	20	4.80	4.00
CDHA73-3R3N	3.3	30	100KHz/0.25V	32.5	4.10	4.50
CDHA73-4R7M	4.7	20	100KHz/0.25V	60	3.00	2.80
CDHA73-100M	10	20	100KHz/0.25V	72	2.20	2.00
CDHA73-120M	12	20	100KHz/0.25V	100	1.80	2.20
CDHA73-150M	15	20	100KHz/0.25V	130	1.33	1.51
CDHA73-180M	18	20	100KHz/0.25V	140	1.20	1.41
CDHA73-220M	22	20	100KHz/0.25V	190	1.40	1.38
CDHA73-270M	27	20	100KHz/0.25V	210	1.30	1.27
CDHA73-330M	33	20	100KHz/0.25V	240	1.15	1.22
CDHA73-390M	39	20	100KHz/0.25V	325	0.98	1.20
CDHA73-470M	47	20	100KHz/0.25V	360	1.00	0.85
CDHA73-560M	56	20	100KHz/0.25V	395	0.90	1.20

Notes

- Rated Current: DC current which causes inductance drop 30% or temperature rise to 40K, whichever is smaller.
 额定电流: 直流电流, 引起感值跌落30%或者温升40K, 取其中较小的一个电流值。

■ CDHA73 Electrical Characteristics

CDHA73 电气特性

Part Number	Inductance (μH)	Tolerance ($\pm\%$)	Test Freq.	DCR Max($\text{m}\Omega$)	Isat (A) TYP	Irms(A) TYP
CDHA73-680M	68	20	100KHz/0.25V	520	0.61	0.74
CDHA73-820M	82	20	100KHz/0.25V	600	0.66	0.86
CDHA73-101M	100	20	100KHz/0.25V	790	0.70	0.62
CDHA73-121M	120	20	100KHz/0.25V	820	0.45	0.72
CDHA73-151M	150	20	100KHz/0.25V	1270	0.43	0.56
CDHA73-181M	180	20	100KHz/0.25V	1450	0.39	0.49
CDHA73-221M	220	20	100KHz/0.25V	1500	0.34	0.50
CDHA73-271M	270	20	100KHz/0.25V	2310	0.34	0.44
CDHA73-331M	330	20	100KHz/0.25V	2620	0.28	0.32
CDHA73-391M	390	20	100KHz/0.25V	2940	0.26	0.30
CDHA73-471M	470	20	100KHz/0.25V	4180	0.24	0.30
CDHA73-561M	560	20	100KHz/0.25V	4670	0.22	0.27
CDHA73-681M	680	20	100KHz/0.25V	5730	0.19	0.22
CDHA73-821M	820	20	100KHz/0.25V	6540	0.18	0.21
CDHA73-102M	1000	20	100KHz/0.25V	9400	0.18	0.20

Notes

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额定电流: 直流电流, 引起感值跌落30%或者温升40K, 取其中较小的一个电流值。

■ **CDHA74 Electrical Characteristics**
 CDHA74 电气特性

Part Number	Inductance (μ H)	Tolerance (\pm %)	Test Freq.	DCR Max(m Ω)	Isat (A) TYP	Irms(A) TYP
CDHA74-1R0N	1.0	30	100KHz/0.25V	8.4	5.80	8.00
CDHA74-2R2N	2.2	30	100KHz/0.25V	20	5.00	6.00
CDHA74-3R3N	3.3	30	100KHz/0.25V	30	4.20	4.80
CDHA74-4R7M	4.7	20	100KHz/0.25V	40	3.50	3.30
CDHA74-100M	10	20	100KHz/0.25V	55	2.20	3.40
CDHA74-120M	12	20	100KHz/0.25V	59	1.71	1.71
CDHA74-150M	15	20	100KHz/0.25V	81	1.47	1.60
CDHA74-180M	18	20	100KHz/0.25V	91	1.31	1.50
CDHA74-220M	22	20	100KHz/0.25V	110	1.23	1.41
CDHA74-270M	27	20	100KHz/0.25V	150	1.12	1.24
CDHA74-330M	33	20	100KHz/0.25V	170	0.96	1.13
CDHA74-390M	39	20	100KHz/0.25V	230	0.90	1.11
CDHA74-470M	47	20	100KHz/0.25V	260	0.88	1.03
CDHA74-560M	56	20	100KHz/0.25V	350	0.75	0.93
CDHA74-680M	68	20	100KHz/0.25V	380	0.69	0.87

Notes

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■ CDHA74 Electrical Characteristics

CDHA74 电气特性

Part Number	Inductance (μH)	Tolerance ($\pm\%$)	Test Freq.	DCR Max(m Ω)	Isat (A) TYP	Irms(A) TYP
CDHA74-820M	82	20	100KHz/0.25V	430	0.61	0.84
CDHA74-101M	100	20	100KHz/0.25V	610	0.60	0.79
CDHA74-121M	120	20	100KHz/0.25V	660	0.52	0.67
CDHA74-151M	150	20	100KHz/0.25V	880	0.46	0.52
CDHA74-181M	180	20	100KHz/0.25V	980	0.42	0.51
CDHA74-221M	220	20	100KHz/0.25V	1170	0.36	0.44
CDHA74-271M	270	20	100KHz/0.25V	1640	0.34	0.43
CDHA74-331M	330	20	100KHz/0.25V	1860	0.32	0.39
CDHA74-391M	390	20	100KHz/0.25V	2850	0.29	0.38
CDHA74-471M	470	20	100KHz/0.25V	3010	0.26	0.29
CDHA74-561M	560	20	100KHz/0.25V	3620	0.23	0.28
CDHA74-681M	680	20	100KHz/0.25V	4630	0.22	0.23
CDHA74-821M	820	20	100KHz/0.25V	5200	0.20	0.21
CDHA74-102M	1000	20	100KHz/0.25V	6000	0.18	0.20

Notes

- Rated Current: DC current which causes inductance drop 30% or temperature rise to 40K, whichever is smaller.

额定电流: 直流电流, 引起感值跌落30%或者温升40K, 取其中较小的一个电流值。