

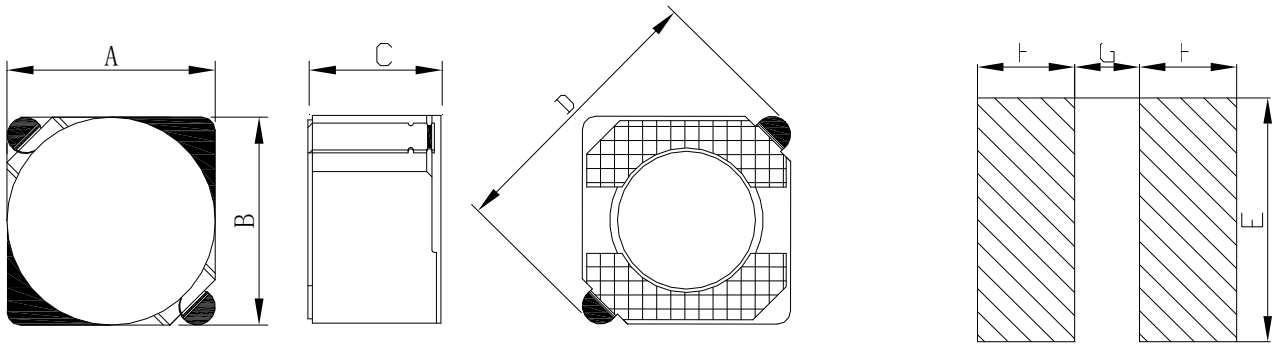
贴片功率电感
SMD POWER INDUCTOR

Type Name: CKRH-D Series



Dimensions/外形尺寸图(Unit:mm)

Land patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

Type Name/型名	A	B	C	D	E	F	G
CKRH3D16	4.2MAX	4.2MAX	1.8MAX	5.5MAX	4.6REF	1.65REF	1.0REF
CKRH3D18	4.2MAX	4.2MAX	2.1MAX	5.5MAX	4.6REF	1.65REF	1.0REF
CKRH3D28	4.2MAX	4.2MAX	3.2MAX	5.5MAX	4.6REF	1.65REF	1.0REF
CKRH4D18	5.0MAX	5.0MAX	2.0MAX	6.9MAX	5.3REF	1.9REF	1.5REF
CKRH4D22	5.0MAX	5.0MAX	2.4MAX	6.9MAX	5.3REF	1.9REF	1.5REF
CKRH4D28	5.0MAX	5.0MAX	3.0MAX	6.9MAX	5.3REF	1.9REF	1.5REF
CKRH5D28	6.0MAX	6.0MAX	3.0MAX	8.2MAX	6.3REF	2.15REF	2.0REF
CKRH5D33	6.0MAX	6.0MAX	3.5MAX	8.2MAX	6.3REF	2.15REF	2.0REF
CKRH6D18	7.0MAX	7.0MAX	2.0MAX	9.5MAX	7.3REF	2.65REF	2.0REF
CKRH6D28	7.0MAX	7.0MAX	3.0MAX	9.5MAX	7.3REF	2.65REF	2.0REF
CKRH6D38	7.0MAX	7.0MAX	4.0MAX	9.5MAX	7.3REF	2.65REF	2.0REF

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Specifications/规格

TYPE NAME: CKRH3D16

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX	Saturation Current/ 饱和电流(A) MAX.
CKRH3D16-1R5NC	1.5 \pm 30%	100KHz,1V	53	1.55
CKRH3D16-2R2NC	2.2 \pm 30%	100KHz,1V	75	1.20
CKRH3D16-3R3NC	3.3 \pm 30%	100KHz,1V	85	1.10
CKRH3D16-4R7NC	4.7 \pm 30%	100KHz,1V	105	0.90
CKRH3D16-6R8NC	6.8 \pm 30%	100KHz,1V	170	0.70
CKRH3D16-100MC	10 \pm 20%	100KHz,1V	210	0.55
CKRH3D16-150MC	15 \pm 20%	100KHz,1V	295	0.45
CKRH3D16-220MC	22 \pm 20%	100KHz,1V	430	0.40
CKRH3D16-330MC	33 \pm 20%	100KHz,1V	660	0.35
CKRH3D16-151KC	150 \pm 10%	100KHz,1V	3210	0.18
CKRH3D16-221KC	220 \pm 10%	100KHz,1V	5200	0.16
CKRH3D16-331KC	330 \pm 10%	100KHz,1V	6800	0.14

TYPE NAME: CKRH3D18

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX	Saturation Current/ 饱和电流(A) MAX.
CKRH3D18-3R3MC	3.3 \pm 20%	100KHz,1V	105	1.60
CKRH3D18-4R7MC	4.7 \pm 20%	100KHz,1V	137	1.35
CKRH3D18-6R8MC	6.8 \pm 20%	100KHz,1V	170	1.10
CKRH3D18-100MC	10 \pm 20%	100KHz,1V	265	0.90
CKRH3D18-150MC	15 \pm 20%	100KHz,1V	379	0.75
CKRH3D18-220MC	22 \pm 20%	100KHz,1V	590	0.60
CKRH3D18-330MC	33 \pm 20%	100KHz,1V	895	0.45
CKRH3D18-470MC	47 \pm 20%	100KHz,1V	1390	0.35

TYPE NAME: CKRH3D28

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX	Saturation Current/ 饱和电流(A) MAX.
CKRH3D28-3R3NC	3.3 \pm 30%	100KHz,1V	72.5	1.80
CKRH3D28-4R7NC	4.7 \pm 30%	100KHz,1V	88.5	1.50
CKRH3D28-6R8NC	6.8 \pm 30%	100KHz,1V	120	1.25
CKRH3D28-100MC	10 \pm 20%	100KHz,1V	145	1.00
CKRH3D28-150MC	15 \pm 20%	100KHz,1V	215	0.90
CKRH3D28-220MC	22 \pm 20%	100KHz,1V	335	0.70
CKRH3D28-330MC	33 \pm 20%	100KHz,1V	480	0.55
CKRH3D28-470MC	47 \pm 20%	100KHz,1V	595	0.45
CKRH3D28-101MC	100 \pm 20%	100KHz,1V	1140	0.40

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TYPE NAME: CKRH4D18

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 (m Ω)MAX	Saturation Current/ 饱和电流(A) MAX.
CKRH4D18-1R2NC	1.2 \pm 30%	100KHz,1V	45	1.73
CKRH4D18-2R2NC	2.2 \pm 30%	100KHz,1V	75	1.31
CKRH4D18-2R7NC	2.7 \pm 30%	100KHz,1V	105	1.28
CKRH4D18-3R3NC	3.3 \pm 30%	100KHz,1V	110	1.05
CKRH4D18-3R9NC	3.9 \pm 30%	100KHz,1V	155	0.88
CKRH4D18-4R7NC	4.7 \pm 30%	100KHz,1V	165	0.83
CKRH4D18-5R6NC	5.6 \pm 30%	100KHz,1V	170	0.80
CKRH4D18-6R8NC	6.8 \pm 30%	100KHz,1V	180	0.76
CKRH4D18-8R2NC	8.2 \pm 30%	100KHz,1V	190	0.68
CKRH4D18-100MC	10 \pm 20%	100KHz,1V	200	0.60
CKRH4D18-120MC	12 \pm 20%	100KHz,1V	210	0.56
CKRH4D18-150MC	15 \pm 20%	100KHz,1V	240	0.50
CKRH4D18-180MC	18 \pm 20%	100KHz,1V	340	0.48
CKRH4D18-220MC	22 \pm 20%	100KHz,1V	395	0.40
CKRH4D18-270MC	27 \pm 20%	100KHz,1V	440	0.35
CKRH4D18-330MC	33 \pm 20%	100KHz,1V	694	0.32
CKRH4D18-390MC	39 \pm 20%	100KHz,1V	710	0.30
CKRH4D18-470MC	47 \pm 20%	100KHz,1V	925	0.28
CKRH4D18-560MC	56 \pm 20%	100KHz,1V	1080	0.26
CKRH4D18-680MC	68 \pm 20%	100KHz,1V	1300	0.25
CKRH4D18-820MC	82 \pm 20%	100KHz,1V	1560	0.22
CKRH4D18-101MC	100 \pm 20%	100KHz,1V	1730	0.20
CKRH4D18-121MC	120 \pm 20%	100KHz,1V	2390	0.18
CKRH4D18-151MC	150 \pm 20%	100KHz,1V	2670	0.15
CKRH4D18-181MC	180 \pm 20%	100KHz,1V	4000	0.13

TYPE NAME: CKRH4D22

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 (m Ω)MAX	Saturation Current/ 饱和电流(A) MAX.
CKRH4D22-1R2NC	1.2 \pm 30%	100KHz,1V	26.5	4.20
CKRH4D22-1R5NC	1.5 \pm 30%	100KHz,1V	31.5	3.50
CKRH4D22-2R2NC	2.2 \pm 30%	100KHz,1V	44.0	3.20
CKRH4D22-2R7NC	2.7 \pm 30%	100KHz,1V	57.8	2.80
CKRH4D22-3R5NC	3.5 \pm 30%	100KHz,1V	65.0	2.50
CKRH4D22-4R7NC	4.7 \pm 30%	100KHz,1V	82.8	2.20
CKRH4D22-5R2NC	5.2 \pm 30%	100KHz,1V	92.8	2.05
CKRH4D22-6R3NC	6.3 \pm 30%	100KHz,1V	110.0	1.85
CKRH4D22-8R2NC	8.2 \pm 30%	100KHz,1V	128.5	1.65
CKRH4D22-100MC	10 \pm 20%	100KHz,1V	160.0	1.50
CKRH4D22-120MC	12 \pm 20%	100KHz,1V	187.0	1.27
CKRH4D22-150MC	15 \pm 20%	100KHz,1V	213	1.15
CKRH4D22-180MC	18 \pm 20%	100KHz,1V	238.5	1.10
CKRH4D22-220MC	22 \pm 20%	100KHz,1V	267.0	1.05
CKRH4D22-270MC	27 \pm 20%	100KHz,1V	394	0.90
CKRH4D22-330MC	33 \pm 20%	100KHz,1V	448.5	0.80
CKRH4D22-390MC	39 \pm 20%	100KHz,1V	668	0.75
CKRH4D22-470MC	47 \pm 20%	100KHz,1V	725	0.70
CKRH4D22-560MC	56 \pm 20%	100KHz,1V	810	0.65
CKRH4D22-680MC	68 \pm 20%	100KHz,1V	913	0.60
CKRH4D22-820MC	82 \pm 20%	100KHz,1V	1220	0.55
CKRH4D22-101MC	100 \pm 20%	100KHz,1V	1370	0.48

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TYPE NAME: CKRH4D28

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKRH4D28-1R2NC	1.2 \pm 30%	100KHz,1V	23.5	2.56
CKRH4D28-1R8NC	1.8 \pm 30%	100KHz,1V	27.5	2.20
CKRH4D28-2R2NC	2.2 \pm 30%	100KHz,1V	31.5	2.05
CKRH4D28-2R7NC	2.7 \pm 30%	100KHz,1V	43.3	1.60
CKRH4D28-3R3NC	3.3 \pm 30%	100KHz,1V	49.3	1.55
CKRH4D28-3R9NC	3.9 \pm 30%	100KHz,1V	64.8	1.45
CKRH4D28-4R7NC	4.7 \pm 30%	100KHz,1V	72.0	1.30
CKRH4D28-5R6NC	5.6 \pm 30%	100KHz,1V	101	1.18
CKRH4D28-6R8NC	6.8 \pm 30%	100KHz,1V	109	1.13
CKRH4D28-8R2NC	8.2 \pm 30%	100KHz,1V	117.5	1.05
CKRH4D28-100MC	10 \pm 20%	100KHz,1V	128.3	1.00
CKRH4D28-120MC	12 \pm 20%	100KHz,1V	131.6	0.85
CKRH4D28-150MC	15 \pm 20%	100KHz,1V	149.0	0.76
CKRH4D28-180MC	18 \pm 20%	100KHz,1V	166.0	0.72
CKRH4D28-220MC	22 \pm 20%	100KHz,1V	235.0	0.70
CKRH4D28-270MC	27 \pm 20%	100KHz,1V	261.0	0.58
CKRH4D28-330MC	33 \pm 20%	100KHz,1V	331.3	0.56
CKRH4D28-390MC	39 \pm 20%	100KHz,1V	383.7	0.50
CKRH4D28-470MC	47 \pm 20%	100KHz,1V	587.0	0.48
CKRH4D28-560MC	56 \pm 20%	100KHz,1V	624.5	0.40
CKRH4D28-680MC	68 \pm 20%	100KHz,1V	699.0	0.35
CKRH4D28-820MC	82 \pm 20%	100KHz,1V	914.8	0.32
CKRH4D28-101MC	100 \pm 20%	100KHz,1V	1020	0.29
CKRH4D28-121MC	120 \pm 20%	100KHz,1V	1270	0.27
CKRH4D28-151MC	150 \pm 20%	100KHz,1V	1350	0.24
CKRH4D28-181MC	180 \pm 20%	100KHz,1V	1540	0.22

TYPE NAME: CKRH5D28

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKRH5D28-2R2NC	2.2 \pm 30%	100KHz,1V	18	2.60
CKRH5D28-3R3NC	3.3 \pm 30%	100KHz,1V	24	2.40
CKRH5D28-4R7NC	4.7 \pm 30%	100KHz,1V	38	2.20
CKRH5D28-5R6NC	5.6 \pm 30%	100KHz,1V	45	1.80
CKRH5D28-6R8NC	6.8 \pm 30%	100KHz,1V	50	1.70
CKRH5D28-8R2NC	8.2 \pm 30%	100KHz,1V	53	1.60
CKRH5D28-100MC	10 \pm 20%	100KHz,1V	65	1.30
CKRH5D28-120MC	12 \pm 20%	100KHz,1V	76	1.20
CKRH5D28-150MC	15 \pm 20%	100KHz,1V	105	1.10
CKRH5D28-180MC	18 \pm 20%	100KHz,1V	110	1.00
CKRH5D28-220MC	22 \pm 20%	100KHz,1V	125	0.90
CKRH5D28-270MC	27 \pm 20%	100KHz,1V	175	0.85
CKRH5D28-330MC	33 \pm 20%	100KHz,1V	190	0.75
CKRH5D28-390MC	39 \pm 20%	100KHz,1V	212	0.70
CKRH5D28-470MC	47 \pm 20%	100KHz,1V	250	0.63
CKRH5D28-560MC	56 \pm 20%	100KHz,1V	305	0.58
CKRH5D28-680MC	68 \pm 20%	100KHz,1V	355	0.52
CKRH5D28-820MC	82 \pm 20%	100KHz,1V	463	0.46
CKRH5D28-101MC	100 \pm 20%	100KHz,1V	520	0.42

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TYPE NAME: CKRH5D33

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX	Saturation Current/ 饱和电流(A) MAX.
CKRH5D33-2R2NC	2.2 \pm 30%	100KHz,1V	33	3.50
CKRH5D33-4R7NC	4.7 \pm 30%	100KHz,1V	47	3.21
CKRH5D33-6R8NC	6.8 \pm 30%	100KHz,1V	75	2.80
CKRH5D33-8R2NC	8.2 \pm 30%	100KHz,1V	88	2.40
CKRH5D33-100MC	10 \pm 20%	100KHz,1V	100	2.00
CKRH5D33-220MC	22 \pm 20%	100KHz,1V	155	1.40
CKRH5D33-330MC	33 \pm 20%	100KHz,1V	222	1.20
CKRH5D33-470MC	47 \pm 20%	100KHz,1V	280	1.10
CKRH5D33-560MC	56 \pm 20%	100KHz,1V	336	0.98
CKRH5D33-680MC	68 \pm 20%	100KHz,1V	415	0.82
CKRH5D33-820MC	82 \pm 20%	100KHz,1V	525	0.65
CKRH5D33-101MC	100 \pm 20%	100KHz,1V	635	0.45

TYPE NAME: CKRH6D18

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKRH6D18-1R2NC	1.2 \pm 30%	100KHz,1V	23.13	5.50
CKRH6D18-1R8NC	1.8 \pm 30%	100KHz,1V	35.80	4.51
CKRH6D18-2R7NC	2.7 \pm 30%	100KHz,1V	44.38	3.60
CKRH6D18-3R9NC	3.9 \pm 30%	100KHz,1V	62.40	3.02
CKRH6D18-4R7NC	4.7 \pm 30%	100KHz,1V	73.20	2.80
CKRH6D18-6R8NC	6.8 \pm 30%	100KHz,1V	102.50	2.35
CKRH6D18-8R2NC	8.2 \pm 30%	100KHz,1V	122.50	2.10
CKRH6D18-100MC	10 \pm 20%	100KHz,1V	156.25	1.95
CKRH6D18-150MC	15 \pm 20%	100KHz,1V	237.50	1.60
CKRH6D18-220MC	22 \pm 20%	100KHz,1V	275.00	1.35
CKRH6D18-330MC	33 \pm 20%	100KHz,1V	467.50	1.10
CKRH6D18-470MC	47 \pm 20%	100KHz,1V	668.75	0.90
CKRH6D18-560MC	56 \pm 20%	100KHz,1V	756.25	0.85
CKRH6D18-680MC	68 \pm 20%	100KHz,1V	947.50	0.70
CKRH6D18-820MC	82 \pm 20%	100KHz,1V	1073.75	0.65
CKRH6D18-101MC	100 \pm 20%	100KHz,1V	1212.50	0.60
CKRH6D18-121MC	120 \pm 20%	100KHz,1V	1612.50	0.58

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TYPE NAME: CKRH6D28

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKRH6D28-3R0NC	3.0 \pm 30%	100KHz,1V	25	3.00
CKRH6D28-3R9NC	3.9 \pm 30%	100KHz,1V	28	2.60
CKRH6D28-5R0NC	5.0 \pm 30%	100KHz,1V	30	2.40
CKRH6D28-6R0NC	6.0 \pm 30%	100KHz,1V	35	2.25
CKRH6D28-7R3NC	7.3 \pm 30%	100KHz,1V	55	2.10
CKRH6D28-8R6NC	8.6 \pm 30%	100KHz,1V	58	1.85
CKRH6D28-100MC	10 \pm 20%	100KHz,1V	65	1.70
CKRH6D28-120MC	12 \pm 20%	100KHz,1V	70	1.55
CKRH6D28-150MC	15 \pm 20%	100KHz,1V	85	1.40
CKRH6D28-180MC	18 \pm 20%	100KHz,1V	95	1.30
CKRH6D28-220MC	22 \pm 20%	100KHz,1V	128	1.20
CKRH6D28-270MC	27 \pm 20%	100KHz,1V	140	1.05
CKRH6D28-330MC	33 \pm 20%	100KHz,1V	165	0.97
CKRH6D28-390MC	39 \pm 20%	100KHz,1V	210	0.86
CKRH6D28-470MC	47 \pm 20%	100KHz,1V	238	0.80
CKRH6D28-560MC	56 \pm 20%	100KHz,1V	280	0.75
CKRH6D28-680MC	68 \pm 20%	100KHz,1V	305	0.65
CKRH6D28-820MC	82 \pm 20%	100KHz,1V	390	0.60
CKRH6D28-101MC	100 \pm 20%	100KHz,1V	535	0.55

TYPE NAME: CKRH6D38

Part No./品名	Inductance/电感值 (μ H)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($m\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKRH6D38-2R2NC	2.2 \pm 30%	100KHz,1V	19	3.90
CKRH6D38-3R3NC	3.3 \pm 30%	100KHz,1V	20	3.50
CKRH6D38-4R7NC	4.7 \pm 30%	100KHz,1V	25	2.90
CKRH6D38-5R6NC	5.6 \pm 30%	100KHz,1V	27	2.70
CKRH6D38-6R8NC	6.8 \pm 30%	100KHz,1V	31	2.40
CKRH6D38-8R2NC	8.2 \pm 30%	100KHz,1V	34	2.20
CKRH6D38-100MC	10 \pm 20%	100KHz,1V	38	2.02
CKRH6D38-120MC	12 \pm 20%	100KHz,1V	55	1.70
CKRH6D38-150MC	15 \pm 20%	100KHz,1V	57	1.60
CKRH6D38-180MC	18 \pm 20%	100KHz,1V	90	1.50
CKRH6D38-220MC	22 \pm 20%	100KHz,1V	96	1.30
CKRH6D38-270MC	27 \pm 20%	100KHz,1V	109	1.20
CKRH6D38-330MC	33 \pm 20%	100KHz,1V	124	1.10
CKRH6D38-390MC	39 \pm 20%	100KHz,1V	138	1.00
CKRH6D38-470MC	47 \pm 20%	100KHz,1V	155	0.95
CKRH6D38-560MC	56 \pm 20%	100KHz,1V	200	0.85
CKRH6D38-680MC	68 \pm 20%	100KHz,1V	235	0.75
CKRH6D38-820MC	82 \pm 20%	100KHz,1V	325	0.70
CKRH6D38-101MC	100 \pm 20%	100KHz,1V	358	0.65
CKRH6D38-121MC	120 \pm 20%	100KHz,1V	465	0.59
CKRH6D38-151MC	150 \pm 20%	100KHz,1V	575	0.55
CKRH6D38-181MC	180 \pm 20%	100KHz,1V	692	0.49
CKRH6D38-221MC	220 \pm 20%	100KHz,1V	762	0.43
CKRH6D38-271MC	270 \pm 20%	100KHz,1V	1129	0.40
CKRH6D38-331MC	330 \pm 20%	100KHz,1V	1268	0.38
CKRH6D38-391MC	390 \pm 20%	100KHz,1V	1412	0.35
CKRH6D38-471MC	470 \pm 20%	100KHz,1V	1780	0.32
CKRH6D38-561MC	560 \pm 20%	100KHz,1V	2010	0.29
CKRH6D38-681MC	680 \pm 20%	100KHz,1V	2520	0.25
CKRH6D38-821MC	820 \pm 20%	100KHz,1V	2748	0.22
CKRH6D38-102KC	1000 \pm 10%	100KHz,1V	3627	0.20

※ The saturation current when the inductance decreases to 65% of initial value. (Ta=25°C)