

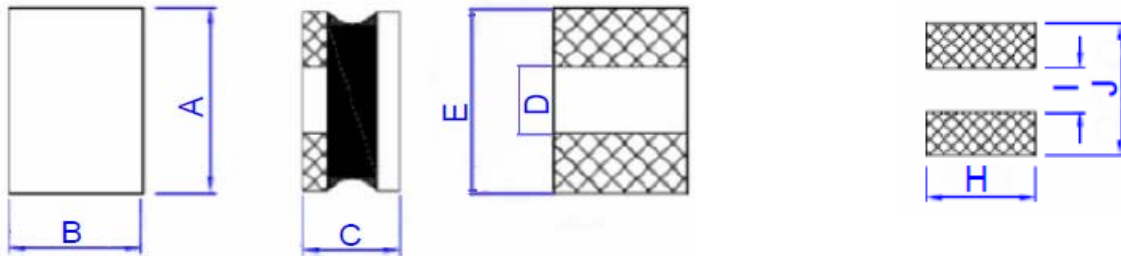
贴片功率电感
SMD POWER INDUCTOR

Type Name: CKNR(S) 2 Series



Dimensions/外形尺寸图(Unit:mm)

Land patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	H(Ref.)	I(Ref.)	J(Ref.)
CKNR201610	2.0+0.3/-0.1	1.6+0.3/-0.1	1.0MAX	0.6±0.2	2.0+0.3/-0.1	1.8	0.8	2.4
CKNR252008	2.5+0.3/-0.1	2.0+0.3/-0.1	0.85MAX	0.8±0.2	2.5+0.3/-0.1	2.2	0.8	2.9
CKNR252010	2.5+0.3/-0.1	2.0+0.3/-0.1	1.0MAX	0.8±0.2	2.5+0.3/-0.1	2.2	0.8	2.9
CKNR252012	2.5+0.3/-0.1	2.0+0.3/-0.1	1.25MAX	0.8±0.2	2.5+0.3/-0.1	2.2	0.8	2.9
CKNRS201610	2.0+0.3/-0.1	1.6+0.3/-0.1	1.0MAX	0.6±0.2	2.0+0.3/-0.1	1.8	0.8	2.4
CKNRS252010	2.65±0.2	2.0+0.3/-0.1	1.0MAX	0.8±0.2	2.65±0.2	2.2	0.8	2.9
CKNRS252012	2.65±0.2	2.0+0.3/-0.1	1.25MAX	0.8±0.2	2.65±0.2	2.2	0.8	2.9

Specifications/规格

TYPE NAME: CKNR201610

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.
CKNR201610-1R0YC	1.0±40%	100KHz1V	120	1.50
CKNR201610-1R5NC	1.5±30%	100KHz1V	165	1.20
CKNR201610-2R2MC	2.2±20%	100KHz1V	205	1.00
CKNR201610-3R3MC	3.3±20%	100KHz1V	320	0.90
CKNR201610-4R7MC	4.7±20%	100KHz1V	432	0.80
CKNR201610-6R8MC	6.8±20%	100KHz1V	600	0.55
CKNR201610-100MC	10±20%	100KHz1V	864	0.45

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TYPE NAME: CKNR252008

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.
CKNR252008-R47YC	0.47 \pm 40%	100KHz1V	140	1.60
CKNR252008-1R0YC	1.0 \pm 40%	100KHz1V	219	1.40
CKNR252008-1R5YC	1.5 \pm 40%	100KHz1V	248	1.10
CKNR252008-2R2NC	2.2 \pm 30%	100KHz1V	290	1.00
CKNR252008-3R3NC	3.3 \pm 30%	100KHz1V	416	0.90
CKNR252008-4R7NC	4.7 \pm 30%	100KHz1V	580	0.70
CKNR252008-6R8MC	6.8 \pm 20%	100KHz1V	818	0.65
CKNR252008-100MC	10 \pm 20%	100KHz1V	1236	0.45

TYPE NAME: CKNR252010

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.
CKNR252010-R33YC	0.33 \pm 40%	100KHz1V	52	2.80
CKNR252010-R47YC	0.47 \pm 40%	100KHz1V	61	2.20
CKNR252010-R68YC	0.68 \pm 40%	100KHz1V	81	2.00
CKNR252010-1R0YC	1.0 \pm 40%	100KHz1V	100	1.65
CKNR252010-1R5YC	1.5 \pm 40%	100KHz1V	137	1.30
CKNR252010-2R2NC	2.2 \pm 30%	100KHz1V	208	1.20
CKNR252010-3R3MC	3.3 \pm 20%	100KHz1V	267	0.90
CKNR252010-4R7MC	4.7 \pm 20%	100KHz1V	336	0.70
CKNR252010-6R8MC	6.8 \pm 20%	100KHz1V	480	0.59
CKNR252010-100MC	10 \pm 20%	100KHz1V	675	0.50
CKNR252010-150MC	15 \pm 20%	100KHz1V	996	0.40

TYPE NAME: CKNR252012

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.
CKNR252012-R47YC	0.47 \pm 40%	100KHz1V	78	2.15
CKNR252012-R68YC	0.68 \pm 40%	100KHz1V	86	2.09
CKNR252012-1R0YC	1.0 \pm 40%	100KHz1V	101	2.00
CKNR252012-1R5YC	1.5 \pm 40%	100KHz1V	120	1.90
CKNR252012-2R2NC	2.2 \pm 30%	100KHz1V	216	1.53
CKNR252012-3R3MC	3.3 \pm 20%	100KHz1V	234	1.30
CKNR252012-4R7MC	4.7 \pm 20%	100KHz1V	310	1.04
CKNR252012-6R8MC	6.8 \pm 20%	100KHz1V	480	0.90
CKNR252012-100MC	10 \pm 20%	100KHz1V	728	0.80
CKNR252012-150MC	15 \pm 20%	100KHz1V	975	0.60
CKNR252012-220MC	22 \pm 20%	100KHz1V	1560	0.50

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TYPE NAME: CKNRS201610

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.
CKNRS201610-R24YC	0.24 \pm 40%	1MHz1V	40	3.00
CKNRS201610-R47YC	0.47 \pm 40%	1MHz1V	49	2.70
CKNRS201610-R68YC	0.68 \pm 40%	1MHz1V	65	2.50
CKNRS201610-1R0NC	1.0 \pm 30%	1MHz1V	90	2.05
CKNRS201610-1R5NC	1.5 \pm 30%	1MHz1V	130	1.70
CKNRS201610-2R2NC	2.2 \pm 30%	1MHz1V	170	1.45
CKNRS201610-4R7MC	4.7 \pm 20%	1MHz1V	425	0.90
CKNRS201610-100MC	10 \pm 20%	1MHz1V	826	0.65

TYPE NAME: CKNRS252010

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.
CKNRS252010-R33YC	0.33 \pm 40%	1MHz1V	39	3.50
CKNRS252010-R47YC	0.47 \pm 40%	1MHz1V	45	3.20
CKNRS252010-R68YC	0.68 \pm 40%	1MHz1V	59	2.75
CKNRS252010-1R0YC	1.0 \pm 40%	1MHz1V	76	2.50
CKNRS252010-1R5YC	1.5 \pm 40%	1MHz1V	106	2.00
CKNRS252010-2R2NC	2.2 \pm 30%	1MHz1V	155	1.50
CKNRS252010-3R3MC	3.3 \pm 20%	1MHz1V	235	1.20
CKNRS252010-4R7MC	4.7 \pm 20%	1MHz1V	276	1.10
CKNRS252010-100MC	10 \pm 20%	1MHz1V	500	0.80

TYPE NAME: CKNRS252012

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.
CKNRS252012-R24YC	0.24 \pm 40%	1MHz1V	23	4.05
CKNRS252012-R33YC	0.33 \pm 40%	1MHz1V	28	3.70
CKNRS252012-R47YC	0.47 \pm 40%	1MHz1V	35	3.45
CKNRS252012-R68YC	0.68 \pm 40%	1MHz1V	43	3.15
CKNRS252012-1R0YC	1.0 \pm 40%	1MHz1V	54	3.00
CKNRS252012-1R5YC	1.5 \pm 40%	1MHz1V	72	2.40
CKNRS252012-2R2NC	2.2 \pm 30%	1MHz1V	120	1.90
CKNRS252012-3R3MC	3.3 \pm 20%	1MHz1V	163	1.80
CKNRS252012-4R7MC	4.7 \pm 20%	1MHz1V	260	1.25
CKNRS252012-6R8MC	6.8 \pm 20%	1MHz1V	366	0.95
CKNRS252012-100MC	10 \pm 20%	1MHz1V	480	0.85

※ The saturation current when the inductance decreases to 75% of initial value. (Ta=25°C)

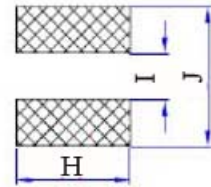
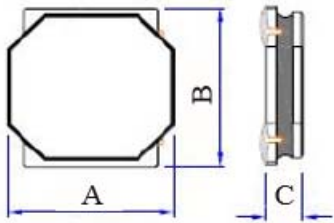
贴片功率电感
SMD POWER INDUCTOR

Type Name: CKNR3/4/5/6 Series



Dimensions/外形尺寸图(Unit:mm)

Land patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	H(Ref.)	I(Ref.)	J(Ref.)
CKNR3010	3.0±0.2	3.0±0.2	1.0MAX.	1.0±0.2	3.0±0.2	2.7	1.4	3.0
CKNR3012	3.0±0.2	3.0±0.2	1.2MAX.	1.0±0.2	3.0±0.2	2.7	1.4	3.0
CKNR3015	3.0±0.2	3.0±0.2	1.5MAX	1.0±0.2	3.0±0.2	2.7	1.4	3.0
CKNR4010	4.0±0.2	4.0±0.2	1.0MAX.	1.4±0.2	4.0±0.2	3.7	1.6	4.0
CKNR4012	4.0±0.2	4.0±0.2	1.2MAX.	1.4±0.2	4.0±0.2	3.7	1.6	4.0
CKNR4015	4.0±0.2	4.0±0.2	1.5MAX	1.4±0.2	4.0±0.2	3.7	1.6	4.0
CKNR4018	4.0±0.2	4.0±0.2	1.8MAX	1.4±0.2	4.0±0.2	3.7	1.6	4.0
CKNR4020	4.0±0.2	4.0±0.2	2.0MAX	1.4±0.2	4.0±0.2	3.7	1.6	4.0
CKNR4030	4.0±0.2	4.0±0.2	3.0MAX	1.4±0.2	4.0±0.2	3.7	1.6	4.0
CKNR5012	5.0±0.2	5.0±0.2	1.2MAX.	2.0±0.2	5.0±0.2	4.7	2.4	5.2
CKNR5020	5.0±0.2	5.0±0.2	2.0MAX	2.0±0.2	5.0±0.2	4.7	2.4	5.2
CKNR5040	5.0±0.2	5.0±0.2	4.0MAX	2.0±0.2	5.0±0.2	4.7	2.4	5.2
CKNR6010	6.0±0.2	6.0±0.2	1.0MAX.	2.7±0.2	6.0±0.2	5.7	3.1	6.3
CKNR6012	6.0±0.2	6.0±0.2	1.2MAX.	2.7±0.2	6.0±0.2	5.7	3.1	6.3
CKNR6020	6.0±0.2	6.0±0.2	2.0MAX	2.7±0.2	6.0±0.2	5.7	3.1	6.3

贴片功率电感
SMD POWER INDUCTOR

Specifications/规格

TYPE NAME: CKNR3010

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.
CKNR3010-1R0YC	1.0 \pm 40%	100KHz1V	90	1.80
CKNR3010-1R5YC	1.5 \pm 40%	100KHz1V	135	1.50
CKNR3010-2R2NC	2.2 \pm 30%	100KHz1V	160	1.30
CKNR3010-3R3NC	3.3 \pm 30%	100KHz1V	220	1.00
CKNR3010-4R7NC	4.7 \pm 30%	100KHz1V	360	0.90
CKNR3010-6R8NC	6.8 \pm 30%	100KHz1V	450	0.80
CKNR3010-8R2NC	8.2 \pm 30%	100KHz1V	490	0.70
CKNR3010-100MC	10 \pm 20%	100KHz1V	590	0.62
CKNR3010-150MC	15 \pm 20%	100KHz1V	845	0.50
CKNR3010-220MC	22 \pm 20%	100KHz1V	1919	0.40
CKNR3010-330MC	33 \pm 20%	100KHz1V	2600	0.29
CKNR3010-470MC	47 \pm 20%	100KHz1V	3300	0.22
CKNR3010-560MC	56 \pm 20%	100KHz1V	3950	0.20

TYPE NAME: CKNR3012

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.
CKNR3012-1R0YC	1.0 \pm 40%	100KHz1V	76	2.00
CKNR3012-1R5YC	1.5 \pm 40%	100KHz1V	95	1.90
CKNR3012-2R2NC	2.2 \pm 30%	100KHz1V	142	1.60
CKNR3012-3R3NC	3.3 \pm 30%	100KHz1V	212	1.30
CKNR3012-4R7NC	4.7 \pm 30%	100KHz1V	286	0.90
CKNR3012-6R8NC	6.8 \pm 30%	100KHz1V	392	0.80
CKNR3012-100MC	10 \pm 20%	100KHz1V	585	0.75
CKNR3012-180MC	18 \pm 20%	100KHz1V	990	0.50
CKNR3012-220MC	22 \pm 20%	100KHz1V	1391	0.42
CKNR3012-330MC	33 \pm 20%	100KHz1V	1610	0.37
CKNR3012-470MC	47 \pm 20%	100KHz1V	2210	0.34
CKNR3012-560MC	56 \pm 20%	100KHz1V	2500	0.26
CKNR3012-680MC	68 \pm 20%	100KHz1V	3100	0.22

TYPE NAME: CKNR3015

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.
CKNR3015-1R0YC	1.0 \pm 40%	100KHz1V	36	2.10
CKNR3015-1R5YC	1.5 \pm 40%	100KHz1V	48	1.81
CKNR3015-2R2NC	2.2 \pm 30%	100KHz1V	72	1.60
CKNR3015-3R3NC	3.3 \pm 30%	100KHz1V	96	1.36
CKNR3015-4R7NC	4.7 \pm 30%	100KHz1V	157	1.09
CKNR3015-6R8NC	6.8 \pm 30%	100KHz1V	216	0.85
CKNR3015-100MC	10 \pm 20%	100KHz1V	300	0.77
CKNR3015-150MC	15 \pm 20%	100KHz1V	432	0.65
CKNR3015-220MC	22 \pm 20%	100KHz1V	624	0.57
CKNR3015-330MC	33 \pm 20%	100KHz1V	1185	0.43
CKNR3015-470MC	47 \pm 20%	100KHz1V	1625	0.35
CKNR3015-560MC	56 \pm 20%	100KHz1V	2050	0.30
CKNR3015-680MC	68 \pm 20%	100KHz1V	4100	0.23

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TYPE NAME: CKNR4010

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR4010-1R0YC	1.0 \pm 40%	100KHz1V	91	2.10
CKNR4010-2R2NC	2.2 \pm 30%	100KHz1V	140	1.60
CKNR4010-3R3NC	3.3 \pm 30%	100KHz1V	190	1.30
CKNR4010-4R7NC	4.7 \pm 30%	100KHz1V	240	1.20
CKNR4010-6R8NC	6.8 \pm 30%	100KHz1V	360	1.00
CKNR4010-100MC	10 \pm 20%	100KHz1V	480	0.80
CKNR4010-150MC	15 \pm 20%	100KHz1V	806	0.65
CKNR4010-220MC	22 \pm 20%	100KHz1V	1070	0.45
CKNR4010-470MC	47 \pm 20%	100KHz1V	2172	0.30

TYPE NAME: CKNR4012

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR4012-1R0YC	1.0 \pm 40%	100KHz1V	88	2.15
CKNR4012-2R2NC	2.2 \pm 30%	100KHz1V	120	1.90
CKNR4012-3R3NC	3.3 \pm 30%	100KHz1V	160	1.40
CKNR4012-4R7NC	4.7 \pm 30%	100KHz1V	190	1.30
CKNR4012-6R8NC	6.8 \pm 30%	100KHz1V	280	1.10
CKNR4012-100MC	10 \pm 20%	100KHz1V	390	0.90
CKNR4012-150MC	15 \pm 20%	100KHz1V	650	0.80
CKNR4012-220MC	22 \pm 20%	100KHz1V	720	0.60
CKNR4012-330MC	33 \pm 20%	100KHz1V	1150	0.45
CKNR4012-470MC	47 \pm 20%	100KHz1V	1900	0.37
CKNR4012-560MC	56 \pm 20%	100KHz1V	2115	0.32
CKNR4012-680MC	68 \pm 20%	100KHz1V	3295	0.25
CKNR4012-820MC	82 \pm 20%	100KHz1V	3750	0.23

TYPE NAME: CKNR4015

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR4015-2R2NC	2.2 \pm 30%	100KHz1V	84	2.60
CKNR4015-3R3NC	3.3 \pm 30%	100KHz1V	111	2.20
CKNR4015-4R7NC	4.7 \pm 30%	100KHz1V	158	1.80
CKNR4015-6R8NC	6.8 \pm 30%	100KHz1V	215	1.50
CKNR4015-100MC	10 \pm 20%	100KHz1V	338	1.00
CKNR4015-220MC	22 \pm 20%	100KHz1V	528	0.80

贴片功率电感
SMD POWER INDUCTOR

TYPE NAME: CKNR4018

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.
CKNR4018-1R0YC	1.0 \pm 40%	100KHz1V	32.5	2.00
CKNR4018-1R5YC	1.5 \pm 40%	100KHz1V	52	1.70
CKNR4018-2R2NC	2.2 \pm 30%	100KHz1V	58.5	1.65
CKNR4018-3R3NC	3.3 \pm 30%	100KHz1V	91	1.23
CKNR4018-4R7NC	4.7 \pm 30%	100KHz1V	117	1.20
CKNR4018-6R8NC	6.8 \pm 30%	100KHz1V	143	1.06
CKNR4018-100MC	10 \pm 20%	100KHz1V	234	0.96
CKNR4018-150MC	15 \pm 20%	100KHz1V	325	0.84
CKNR4018-220MC	22 \pm 20%	100KHz1V	468	0.59
CKNR4018-330MC	33 \pm 20%	100KHz1V	689	0.49
CKNR4018-470MC	47 \pm 20%	100KHz1V	845	0.42
CKNR4018-101MC	100 \pm 20%	100KHz1V	2275	0.25
CKNR4018-151MC	150 \pm 20%	100KHz1V	3250	0.22
CKNR4018-221MC	220 \pm 20%	100KHz1V	5200	0.17

TYPE NAME: CKNR4020

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.
CKNR4020-1R0YC	1.0 \pm 40%	100KHz1V	39	3.50
CKNR4020-1R5YC	1.5 \pm 40%	100KHz1V	55	2.80
CKNR4020-2R2NC	2.2 \pm 30%	100KHz1V	72	2.50
CKNR4020-3R3NC	3.3 \pm 30%	100KHz1V	91	2.20
CKNR4020-4R7NC	4.7 \pm 30%	100KHz1V	108	2.00
CKNR4020-6R8NC	6.8 \pm 30%	100KHz1V	163	1.20
CKNR4020-100MC	10 \pm 20%	100KHz1V	214	1.10
CKNR4020-150MC	15 \pm 20%	100KHz1V	299	0.90
CKNR4020-220MC	22 \pm 20%	100KHz1V	455	0.75
CKNR4020-330MC	33 \pm 20%	100KHz1V	715	0.60
CKNR4020-470MC	47 \pm 20%	100KHz1V	923	0.50
CKNR4020-560MC	56 \pm 20%	100KHz1V	1040	0.45
CKNR4020-680MC	68 \pm 20%	100KHz1V	1380	0.40
CKNR4020-820MC	82 \pm 20%	100KHz1V	1520	0.38
CKNR4020-101MC	100 \pm 20%	100KHz1V	2050	0.33

TYPE NAME: CKNR4030

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.
CKNR4030-1R0YC	1.0 \pm 40%	100KHz1V	32.5	3.00
CKNR4030-2R2NC	2.2 \pm 30%	100KHz1V	45.5	2.57
CKNR4030-3R3NC	3.3 \pm 30%	100KHz1V	52	2.40
CKNR4030-4R7NC	4.7 \pm 30%	100KHz1V	78	2.00
CKNR4030-6R8NC	6.8 \pm 30%	100KHz1V	117	1.60
CKNR4030-100MC	10 \pm 20%	100KHz1V	130	1.50
CKNR4030-150MC	15 \pm 20%	100KHz1V	247	1.11
CKNR4030-220MC	22 \pm 20%	100KHz1V	293	1.00
CKNR4030-330MC	33 \pm 20%	100KHz1V	450	0.84
CKNR4030-470MC	47 \pm 20%	100KHz1V	645	0.72
CKNR4030-560MC	56 \pm 20%	100KHz1V	780	0.65
CKNR4030-680MC	68 \pm 20%	100KHz1V	1130	0.52
CKNR4030-820MC	82 \pm 20%	100KHz1V	1385	0.47
CKNR4030-101MC	100 \pm 20%	100KHz1V	1495	0.45
CKNR4030-121MC	120 \pm 20%	100KHz1V	1755	0.42
CKNR4030-221MC	220 \pm 20%	100KHz1V	3260	0.35
CKNR4030-331MC	330 \pm 20%	100KHz1V	5250	0.25

贴片功率电感 SMD POWER INDUCTOR

TYPE NAME: CKNR5012

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR5012-1R0YC	1.0 \pm 40%	100KHz1V	79	2.80
CKNR5012-1R5YC	1.5 \pm 40%	100KHz1V	91	2.70
CKNR5012-2R2NC	2.2 \pm 30%	100KHz1V	105	1.90
CKNR5012-3R3NC	3.3 \pm 30%	100KHz1V	155	1.70
CKNR5012-4R7NC	4.7 \pm 30%	100KHz1V	169	1.40
CKNR5012-6R8NC	6.8 \pm 30%	100KHz1V	192	1.30
CKNR5012-100MC	10 \pm 20%	100KHz1V	267	1.00
CKNR5012-150MC	15 \pm 20%	100KHz1V	533	0.90
CKNR5012-220MC	22 \pm 20%	100KHz1V	694	0.80

TYPE NAME: CKNR5020

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR5020-1R0YC	1.0 \pm 40%	100KHz1V	26	3.80
CKNR5020-1R5YC	1.5 \pm 40%	100KHz1V	33.8	3.20
CKNR5020-2R2NC	2.2 \pm 30%	100KHz1V	41.6	2.90
CKNR5020-3R3NC	3.3 \pm 30%	100KHz1V	55.9	2.50
CKNR5020-4R7NC	4.7 \pm 30%	100KHz1V	74.1	2.20
CKNR5020-6R8NC	6.8 \pm 30%	100KHz1V	108	1.80
CKNR5020-100MC	10 \pm 20%	100KHz1V	143	1.55
CKNR5020-150MC	15 \pm 20%	100KHz1V	214	1.25
CKNR5020-220MC	22 \pm 20%	100KHz1V	293	1.10
CKNR5020-330MC	33 \pm 20%	100KHz1V	536	1.00
CKNR5020-470MC	47 \pm 20%	100KHz1V	650	0.70
CKNR5020-680MC	68 \pm 20%	100KHz1V	884	0.55
CKNR5020-101MC	100 \pm 20%	100KHz1V	1400	0.40

TYPE NAME: CKNR5040

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR5040-2R2NC	2.2 \pm 30%	100KHz1V	27	3.50
CKNR5040-3R3NC	3.3 \pm 30%	100KHz1V	33.8	3.40
CKNR5040-4R7NC	4.7 \pm 30%	100KHz1V	36	3.20
CKNR5040-6R8NC	6.8 \pm 30%	100KHz1V	54	2.50
CKNR5040-100MC	10 \pm 20%	100KHz1V	85	2.10
CKNR5040-150MC	15 \pm 20%	100KHz1V	117	2.00
CKNR5040-220MC	22 \pm 20%	100KHz1V	167	1.50
CKNR5040-330MC	33 \pm 20%	100KHz1V	244	1.20
CKNR5040-470MC	47 \pm 20%	100KHz1V	320	1.00
CKNR5040-680MC	68 \pm 20%	100KHz1V	520	0.80
CKNR5040-101MC	100 \pm 20%	100KHz1V	728	0.70
CKNR5040-151MC	150 \pm 20%	100KHz1V	1050	0.55

贴片功率电感 SMD POWER INDUCTOR

TYPE NAME: CKNR6010

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR6010-2R2NC	2.2 \pm 30%	100KHz1V	140	2.00
CKNR6010-3R3NC	3.3 \pm 30%	100KHz1V	205	1.70
CKNR6010-4R7NC	4.7 \pm 30%	100KHz1V	255	1.45
CKNR6010-6R8NC	6.8 \pm 30%	100KHz1V	350	1.22
CKNR6010-100MC	10 \pm 20%	100KHz1V	420	1.20
CKNR6010-150MC	15 \pm 20%	100KHz1V	670	0.80
CKNR6010-220MC	22 \pm 20%	100KHz1V	1040	0.60

TYPE NAME: CKNR6012

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR6012-2R2NC	2.2 \pm 30%	100KHz1V	120	2.10
CKNR6012-3R3NC	3.3 \pm 30%	100KHz1V	163	1.90
CKNR6012-4R7NC	4.7 \pm 30%	100KHz1V	220	1.50
CKNR6012-6R8NC	6.8 \pm 30%	100KHz1V	260	1.20
CKNR6012-100MC	10 \pm 20%	100KHz1V	430	1.10
CKNR6012-150MC	15 \pm 20%	100KHz1V	659	0.65
CKNR6012-220MC	22 \pm 20%	100KHz1V	1020	0.60

TYPE NAME: CKNR6020

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 ($\text{m}\Omega$)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKNR6020-1R0YC	1.0 \pm 40%	100KHz1V	26	3.25
CKNR6020-2R2NC	2.2 \pm 30%	100KHz1V	36.4	2.75
CKNR6020-3R3NC	3.3 \pm 30%	100KHz1V	54.2	2.60
CKNR6020-4R7NC	4.7 \pm 30%	100KHz1V	75.4	1.98
CKNR6020-6R8NC	6.8 \pm 30%	100KHz1V	102	1.80
CKNR6020-100MC	10 \pm 20%	100KHz1V	156	1.40
CKNR6020-150MC	15 \pm 20%	100KHz1V	188.5	1.20
CKNR6020-220MC	22 \pm 20%	100KHz1V	312	1.00
CKNR6020-330MC	33 \pm 20%	100KHz1V	494	0.90
CKNR6020-470MC	47 \pm 20%	100KHz1V	767	0.65

※ The saturation current when the inductance decreases to 75% of initial value. ($T_a=25^\circ\text{C}$)

贴片功率电感
SMD POWER INDUCTOR

Type Name: CKNR5/6/8 Series



Dimensions/外形尺寸图(Unit:mm)

Land patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	H(Ref.)	I(Ref.)	J(Ref.)
CKNR5020	5.0±0.2	5.0±0.2	2.0MAX	2.0±0.2	5.0±0.2	4.7	2.4	5.2
CKNR6028	6.0±0.2	6.0±0.2	2.8MAX	2.7±0.2	6.0±0.2	5.7	3.1	6.3
CKNR6045	6.0±0.2	6.0±0.2	4.5MAX	2.7±0.2	6.0±0.2	5.7	3.1	6.3
CKNR8040	8.0±0.2	8.0±0.2	4.0MAX	3.9±0.2	8.0±0.2	7.7	3.8	7.4

Specifications/规格

TYPE NAME: CKNR6028

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.
CKNR6028-1R0YC	1.0±40%	100KHz1V	20	4.00
CKNR6028-1R5YC	1.5±40%	100KHz1V	25	3.90
CKNR6028-2R2NC	2.2±30%	100KHz1V	31	3.80
CKNR6028-4R7MC	4.7±20%	100KHz1V	45	3.00
CKNR6028-6R8MC	6.8±20%	100KHz1V	63	2.60
CKNR6028-100MC	10±20%	100KHz1V	94	2.20
CKNR6028-150MC	15±20%	100KHz1V	140	1.80
CKNR6028-220MC	22±20%	100KHz1V	190	1.40
CKNR6028-330MC	33±20%	100KHz1V	270	1.30
CKNR6028-470MC	47±20%	100KHz1V	350	1.00
CKNR6028-680MC	68±20%	100KHz1V	520	0.75
CKNR6028-101MC	100±20%	100KHz1V	806	0.70

贴片功率电感 SMD POWER INDUCTOR

TYPE NAME: CKNR6045

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.
CKNR6045-1R0YC	1.0 \pm 40%	100KHz1V	14.3	5.14
CKNR6045-2R2NC	2.2 \pm 30%	100KHz1V	23.4	4.60
CKNR6045-3R3NC	3.3 \pm 30%	100KHz1V	27.3	3.70
CKNR6045-4R7NC	4.7 \pm 30%	100KHz1V	33.8	3.30
CKNR6045-6R8NC	6.8 \pm 30%	100KHz1V	40.3	3.00
CKNR6045-100MC	10 \pm 20%	100KHz1V	62.4	2.45
CKNR6045-150MC	15 \pm 20%	100KHz1V	88.4	2.05
CKNR6045-220MC	22 \pm 20%	100KHz1V	115.7	1.80
CKNR6045-330MC	33 \pm 20%	100KHz1V	178.1	1.40
CKNR6045-470MC	47 \pm 20%	100KHz1V	260	1.20
CKNR6045-680MC	68 \pm 20%	100KHz1V	429	1.00
CKNR6045-101MC	100 \pm 20%	100KHz1V	650	0.80
CKNR6045-151MC	150 \pm 20%	100KHz1V	850	0.70
CKNR6045-221MC	220 \pm 20%	100KHz1V	1190	0.58
CKNR6045-331MC	330 \pm 20%	100KHz1V	1780	0.55
CKNR6045-471MC	470 \pm 20%	100KHz1V	2500	0.40
CKNR6045-681MC	680 \pm 20%	100KHz1V	3350	0.33
CKNR6045-102KC	1000 \pm 10%	100KHz1V	6500	0.27

TYPE NAME: CKNR8040

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.
CKNR8040-1R0NC	1.0 \pm 30%	100KHz1V	10	6.30
CKNR8040-2R2NC	2.2 \pm 30%	100KHz1V	16	5.15
CKNR8040-3R3NC	3.3 \pm 30%	100KHz1V	22	4.40
CKNR8040-4R7NC	4.7 \pm 30%	100KHz1V	25	4.10
CKNR8040-6R8NC	6.8 \pm 30%	100KHz1V	31	3.60
CKNR8040-100MC	10 \pm 20%	100KHz1V	38	3.30
CKNR8040-150MC	15 \pm 20%	100KHz1V	61	2.60
CKNR8040-220MC	22 \pm 20%	100KHz1V	90	2.10
CKNR8040-330MC	33 \pm 20%	100KHz1V	126	1.80
CKNR8040-470MC	47 \pm 20%	100KHz1V	177	1.55
CKNR8040-680MC	68 \pm 20%	100KHz1V	299	1.10
CKNR8040-101MC	100 \pm 20%	100KHz1V	377	1.00
CKNR8040-151MC	150 \pm 20%	100KHz1V	550	0.85
CKNR8040-221MC	220 \pm 20%	100KHz1V	785	0.80
CKNR8040-331MC	330 \pm 20%	100KHz1V	1200	0.63
CKNR8040-471MC	470 \pm 20%	100KHz1V	1685	0.50
CKNR8040-681MC	680 \pm 20%	100KHz1V	2750	0.45
CKNR8040-102KC	1000 \pm 10%	100KHz1V	3850	0.33

※ The saturation current when the inductance decreases to 75% of initial value. (Ta=25°C)