

贴片功率电感

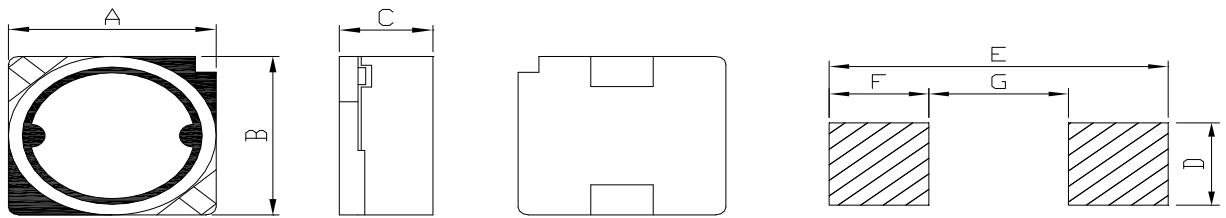
SMD POWER INDUCTOR

Type Name: CKSLF 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
CKSLF6028	6.0±0.2	6.0±0.2	3.0MAX	2.2 REF	7.0 REF	1.5REF	4.0REF
CKSLF6045	6.0±0.2	6.0±0.2	4.8MAX	2.2 REF	7.0 REF	1.5REF	4.0REF
CKSLF7032	7.0±0.3	7.0±0.3	3.4MAX	2.2REF	7.9REF	1.5REF	4.9REF
CKSLF7035	7.0±0.3	7.0±0.3	3.6MAX	2.2REF	7.9REF	1.5REF	4.9REF
CKSLF7045	7.0±0.3	7.0±0.3	4.8MAX	2.2REF	7.9REF	1.5REF	4.9REF
CKSLF7050	7.0±0.3	7.0±0.3	5.0MAX	2.2REF	7.9REF	1.5REF	4.9REF
CKSLF10145	10.1±0.3	10.1±0.3	4.8MAX	3.2REF	10.6REF	2.5REF	5.6REF
CKSLF12555	12.5±0.3	12.5±0.3	5.5±0.3	3.2REF	13.6REF	2.5REF	8.6REF
CKSLF12565	12.5±0.3	12.5±0.3	6.5±0.35	3.2REF	13.6REF	2.5REF	8.6REF
CKSLF12575	12.5±0.3	12.5±0.3	7.5±0.35	3.2REF	13.6REF	2.5REF	8.6REF

Specifications/规格

TYPE NAME: CKSLF6028

Part No./品名	Inductance/电感值 (μH)	Test Condition/ 测试条件	D.C.R./直流阻抗 (mΩ)MAX.	Saturation Current/ 饱和电流(A) MAX.
CKSLF6028-4R7MC	4.7±20%	100KHz,1V	30	1.50
CKSLF6028-6R8MC	6.8±20%	100KHz,1V	37	1.40
CKSLF6028-100MC	10±20%	100KHz,1V	55	1.20
CKSLF6028-150MC	15±20%	100KHz,1V	77	0.90
CKSLF6028-220MC	22±20%	100KHz,1V	109	0.70
CKSLF6028-330MC	33±20%	100KHz,1V	153	0.60
CKSLF6028-470MC	47±20%	100KHz,1V	223	0.50
CKSLF6028-680MC	68±20%	100KHz,1V	309	0.4
CKSLF6028-101MC	100±20%	100KHz,1V	439	0.35

贴片功率电感 SMD POWER INDUCTOR

TYPE NAME: CKSLF6045

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.
CKSLF6045-3R3MC	3.3 \pm 20%	100KHz,1V	33	2.7
CKSLF6045-4R7MC	4.7 \pm 20%	100KHz,1V	30	1.50
CKSLF6045-6R8MC	6.8 \pm 20%	100KHz,1V	37	1.40
CKSLF6045-100MC	10 \pm 20%	100KHz,1V	55	1.20
CKSLF6045-150MC	15 \pm 20%	100KHz,1V	77	0.90
CKSLF6045-220MC	22 \pm 20%	100KHz,1V	109	0.70

TYPE NAME: CKSLF7032

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.
CKSLF7032-3R3MC	3.3 \pm 20%	100KHz,1V	27.6	1.80
CKSLF7032-4R7MC	4.7 \pm 20%	100KHz,1V	43.2	1.60
CKSLF7032-6R8MC	6.8 \pm 20%	100KHz,1V	49.2	1.50
CKSLF7032-100MC	10 \pm 20%	100KHz,1V	63.9	1.30
CKSLF7032-150MC	15 \pm 20%	100KHz,1V	100.8	1.00
CKSLF7032-220MC	22 \pm 20%	100KHz,1V	132	0.86
CKSLF7032-330MC	33 \pm 20%	100KHz,1V	192	0.65
CKSLF7032-470MC	47 \pm 20%	100KHz,1V	288	0.57
CKSLF7032-680MC	68 \pm 20%	100KHz,1V	376	0.49
CKSLF7032-101MC	100 \pm 20%	100KHz,1V	540	0.35

TYPE NAME: CKSLF7035

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.
CKSLF7035-3R3MC	3.3 \pm 20%	100KHz,1V	27.6	1.90
CKSLF7035-4R7MC	4.7 \pm 20%	100KHz,1V	36.0	1.70
CKSLF7035-6R8MC	6.8 \pm 20%	100KHz,1V	49.2	1.60
CKSLF7035-100MC	10 \pm 20%	100KHz,1V	63.6	1.40
CKSLF7035-150MC	15 \pm 20%	100KHz,1V	90.0	1.10
CKSLF7035-220MC	22 \pm 20%	100KHz,1V	132	0.96
CKSLF7035-330MC	33 \pm 20%	100KHz,1V	192	0.75
CKSLF7035-470MC	47 \pm 20%	100KHz,1V	288	0.67
CKSLF7035-680MC	68 \pm 20%	100KHz,1V	372	0.59
CKSLF7035-101MC	100 \pm 20%	100KHz,1V	540	0.45
CKSLF7035-151MC	150 \pm 20%	100KHz,1V	780	0.37
CKSLF7035-221MC	220 \pm 20%	100KHz,1V	1260	0.29
CKSLF7035-331MC	330 \pm 20%	100KHz,1V	2004	0.22
CKSLF7035-471MC	470 \pm 20%	100KHz,1V	2460	0.20
CKSLF7035-681MC	680 \pm 20%	100KHz,1V	3780	0.16
CKSLF7035-102KC	1000 \pm 10%	100KHz,1V	5736	0.13

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TYPE NAME: CKSLF7045

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.
CKSLF7045-3R0MC	3.0 \pm 20%	100KHz,1V	24	2.50
CKSLF7045-4R7MC	4.7 \pm 20%	100KHz,1V	36	2.00
CKSLF7045-6R8MC	6.8 \pm 20%	100KHz,1V	47	1.70
CKSLF7045-100MC	10 \pm 20%	100KHz,1V	55	1.30
CKSLF7045-150MC	15 \pm 20%	100KHz,1V	72	1.10
CKSLF7045-220MC	22 \pm 20%	100KHz,1V	90	0.90
CKSLF7045-330MC	33 \pm 20%	100KHz,1V	135.6	0.82
CKSLF7045-470MC	47 \pm 20%	100KHz,1V	205	0.76
CKSLF7045-680MC	68 \pm 20%	100KHz,1V	276	0.60
CKSLF7045-101MC	100 \pm 20%	100KHz,1V	380	0.50
CKSLF7045-151MC	150 \pm 20%	100KHz,1V	580	0.40
CKSLF7045-221MC	220 \pm 20%	100KHz,1V	850	0.33
CKSLF7045-331MC	330 \pm 20%	100KHz,1V	1270	0.25
CKSLF7045-471MC	470 \pm 20%	100KHz,1V	1800	0.22
CKSLF7045-681MC	680 \pm 20%	100KHz,1V	2600	0.20
CKSLF7045-102KC	1000 \pm 10%	100KHz,1V	4420	0.14

TYPE NAME: CKSLF7050

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.
CKSLF7050-3R3MC	3.3 \pm 20%	100KHz,1V	24	2.50
CKSLF7050-4R7MC	4.7 \pm 20%	100KHz,1V	36	2.00
CKSLF7050-6R8MC	6.8 \pm 20%	100KHz,1V	40.8	1.70
CKSLF7050-100MC	10 \pm 20%	100KHz,1V	43.2	1.30
CKSLF7050-150MC	15 \pm 20%	100KHz,1V	62.4	1.10
CKSLF7050-220MC	22 \pm 20%	100KHz,1V	73.2	0.90
CKSLF7050-330MC	33 \pm 20%	100KHz,1V	115.2	0.82
CKSLF7050-470MC	47 \pm 20%	100KHz,1V	168	0.75
CKSLF7050-680MC	68 \pm 20%	100KHz,1V	210	0.60
CKSLF7050-101MC	100 \pm 20%	100KHz,1V	300	0.50
CKSLF7050-151MC	150 \pm 20%	100KHz,1V	490	0.40
CKSLF7050-221MC	220 \pm 20%	100KHz,1V	700	0.33
CKSLF7050-331MC	330 \pm 20%	100KHz,1V	1000	0.25
CKSLF7050-471MC	470 \pm 20%	100KHz,1V	1500	0.22
CKSLF7050-681MC	680 \pm 20%	100KHz,1V	2000	0.20
CKSLF7050-102KC	1000 \pm 10%	100KHz,1V	3360	0.14

TYPE NAME: CKSLF10145

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.
CKSLF10145-3R3NC	3.3 \pm 30%	1KHz,1V	24	4.90
CKSLF10145-5R6NC	5.6 \pm 30%	1KHz,1V	32	3.80
CKSLF10145-100MC	10 \pm 20%	1KHz,1V	44	3.00
CKSLF10145-150MC	15 \pm 20%	1KHz,1V	60	2.20
CKSLF10145-220MC	22 \pm 20%	1KHz,1V	72	1.90
CKSLF10145-330MC	33 \pm 20%	1KHz,1V	97.8	1.60
CKSLF10145-470MC	47 \pm 20%	1KHz,1V	144	1.40
CKSLF10145-680MC	68 \pm 20%	1KHz,1V	216	1.00
CKSLF10145-101MC	100 \pm 20%	1KHz,1V	306	0.90
CKSLF10145-151MC	150 \pm 20%	1KHz,1V	452	0.70
CKSLF10145-221MC	220 \pm 20%	1KHz,1V	690	0.60
CKSLF10145-331MC	330 \pm 20%	1KHz,1V	1026	0.50
CKSLF10145-471MC	470 \pm 20%	1KHz,1V	1250	0.40
CKSLF10145-681MC	680 \pm 20%	1KHz,1V	1750	0.32
CKSLF10145-102KC	1000 \pm 10%	1KHz,1V	2500	0.28
CKSLF10145-152KC	1500 \pm 10%	1KHz,1V	4050	0.22

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TYPE NAME: CKSLF12555

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.
CKSLF12555-6R0NC	6.0 \pm 30%	1KHz,1V	19.16	3.60
CKSLF12555-100MC	10 \pm 20%	1KHz,1V	25.80	3.40
CKSLF12555-150MC	15 \pm 20%	1KHz,1V	31.08	2.80
CKSLF12555-220MC	22 \pm 20%	1KHz,1V	40.56	2.30
CKSLF12555-330MC	33 \pm 20%	1KHz,1V	49.80	1.90
CKSLF12555-470MC	47 \pm 20%	1KHz,1V	74.16	1.60
CKSLF12555-680MC	68 \pm 20%	1KHz,1V	99.84	1.30
CKSLF12555-101MC	100 \pm 20%	1KHz,1V	140.4	1.10
CKSLF12555-151MC	150 \pm 20%	1KHz,1V	228	0.88
CKSLF12555-221MC	220 \pm 20%	1KHz,1V	324	0.72
CKSLF12555-331MC	330 \pm 20%	1KHz,1V	492	0.59
CKSLF12555-471MC	470 \pm 20%	1KHz,1V	628	0.49
CKSLF12555-681MC	680 \pm 20%	1KHz,1V	912	0.43
CKSLF12555-102KC	1000 \pm 10%	1KHz,1V	1344	0.34
CKSLF12555-152KC	1500 \pm 10%	1KHz,1V	2076	0.29

TYPE NAME: CKSLF12565

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.
CKSLF12565-1R8NC	1.8 \pm 30%	1KHz,1V	14.04	10
CKSLF12565-3R9NC	3.9 \pm 30%	1KHz,1V	18.00	7.3
CKSLF12565-6R2NC	6.2 \pm 30%	1KHz,1V	21.24	5.7
CKSLF12565-100MC	10 \pm 20%	1KHz,1V	24.24	5.0
CKSLF12565-150MC	15 \pm 20%	1KHz,1V	28.44	4.2
CKSLF12565-220MC	22 \pm 20%	1KHz,1V	37.92	3.5
CKSLF12565-330MC	33 \pm 20%	1KHz,1V	56.40	2.8
CKSLF12565-470MC	47 \pm 20%	1KHz,1V	69.36	2.4
CKSLF12565-680MC	68 \pm 20%	1KHz,1V	104.4	2.0
CKSLF12565-101MC	100 \pm 20%	1KHz,1V	147.6	1.6
CKSLF12565-221MC	220 \pm 20%	1KHz,1V	327.6	1.0

TYPE NAME: CKSLF12575

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.
CKSLF12575-1R2NC	1.2 \pm 30%	1KHz,1V	8.28	13
CKSLF12575-2R7NC	2.7 \pm 30%	1KHz,1V	11.28	10
CKSLF12575-3R9NC	3.9 \pm 30%	1KHz,1V	12.48	9
CKSLF12575-5R6NC	5.6 \pm 30%	1KHz,1V	13.92	7.8
CKSLF12575-6R8NC	6.8 \pm 30%	1KHz,1V	15.72	7.2
CKSLF12575-100MC	10 \pm 20%	1KHz,1V	18.72	5.5
CKSLF12575-150MC	15 \pm 20%	1KHz,1V	23.28	4.7
CKSLF12575-220MC	22 \pm 20%	1KHz,1V	31.56	4.0
CKSLF12575-330MC	33 \pm 20%	1KHz,1V	47.40	3.2
CKSLF12575-470MC	47 \pm 20%	1KHz,1V	63.36	2.7
CKSLF12575-680MC	68 \pm 20%	1KHz,1V	93.36	2.0
CKSLF12575-101MC	100 \pm 20%	1KHz,1V	150	1.9
CKSLF12575-151MC	150 \pm 20%	1KHz,1V	210	1.5
CKSLF12575-221MC	220 \pm 20%	1KHz,1V	309.6	1.3

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