MINIATURE SMD CHIP CHOKE COILS

闭 磁 路 贴 片 电 感

Shielded SMD Power Inductors

Operating Temp:-30℃～100℃

特征:

- 具有具有抗电磁干扰。
- 高功率，强力高饱和电感器。
- 直接连接电极对铁芯。
- 自动装备的尺度非常精确。

FEATURES:

- High power,High saturation inductors.
- With magnetic shield against radiation.
- Directly connected electrode on ferrite core.
- Highly accurate dimensions for automatic mounting.

用途:

- 录影机。
- 液晶电视。
- 笔记本电脑。
- 小型通信机器。
- DC/DC 变压器之电源供应器等。

APPLICATIONS:

- Power supply for VTRs.
- LCD televisions.
- Notebook PCs.
- Portable communication equipment.
- DC/DC converters, etc.

产品型号:

PRODUCT IDENTIFICATION:

SMDRI	125	470	K	T
①	②	③	④	⑤

①

类型 Type	
SMDRI	闭磁路贴片电感 Shielded SMT Power Inductors

②

外形尺寸(L×H) (mm) External Dimensions (L×H) (mm)	
125	12×6.0

③

Inductance
47 uH

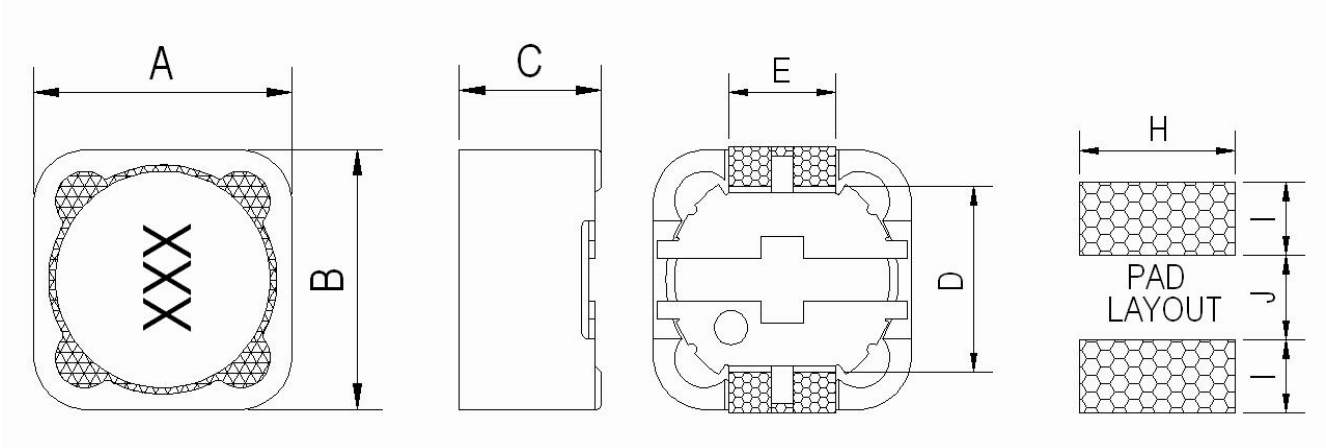
④

Tolerance
J:±5%,K: ±10%, L: ±15% M: ±20%,P: ±25%, N: ±30%

⑤

包装 Packing	
B	散装 Bulk Package
T	编带Tape & Reel

Shape and Size(Dimension are in mm):



MINIATURE SMD CHIP CHOKE COILS

Part No	A max	B max	C max	D	E	H	I	J
SMDRI62	6.5	6.8	3.0	4.6	1.5	1.9	1.4	4.6
SMDRI64	6.5	6.8	5.0	4.6	1.5	1.9	1.4	4.6
SMDRI73	7.5	7.5	3.4	5.0	1.8	2.2	1.6	4.8
SMDRI74	7.5	7.5	4.5	5.0	1.8	2.2	1.6	4.8
SMDRI124	12.3	12.3	4.5	7.6	5.0	5.4	2.9	7.0
SMDRI125	12.3	12.3	6.0	7.6	5.0	5.4	2.9	7.0
SMDRI127	12.3	12.3	8.0	7.6	5.0	5.4	2.9	7.0

SMDRI62 Series

Part No.	Inductance(uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRI62-2R9N	2.9	N	100KHz	20	1MHz	0.068	1.94
SMDRI62-4R0N	4.0	N	100KHz	20	1MHz	0.080	1.63
SMDRI62-5R5N	5.5	N	100KHz	30	1MHz	0.096	1.40
SMDRI62-100N	10	N	100KHz	35	1MHz	0.150	1.10
SMDRI62-120M	12	M	100KHz	35	1MHz	0.200	1.00
SMDRI62-150M	15	M	100KHz	35	1MHz	0.230	0.90
SMDRI62-180M	18	M	100KHz	35	1MHz	0.270	0.80
SMDRI62-220M	22	M	100KHz	35	1MHz	0.340	0.74
SMDRI62-270M	27	M	100KHz	35	1MHz	0.380	0.66
SMDRI62-330M	33	M	100KHz	35	1MHz	0.450	0.59
SMDRI62-390M	39	M	100KHz	35	1MHz	0.490	0.54
SMDRI62-470M	47	M	100KHz	35	1MHz	0.690	0.50
SMDRI62-560M	56	M	100KHz	35	1MHz	0.780	0.46
SMDRI62-680M	68	M	100KHz	35	1MHz	1.070	0.42
SMDRI62-820M	82	M	100KHz	35	1MHz	1.210	0.38
SMDRI62-101M	100	M	100KHz	40	0.796MHz	1.390	0.34
SMDRI62-121M	120	M	100KHz	40	0.796MHz	1.900	0.31
SMDRI62-151M	150	M	100KHz	40	0.796MHz	2.180	0.28
SMDRI62-181M	180	M	100KHz	40	0.796MHz	2.770	0.26
SMDRI62-221M	220	M	100KHz	40	0.796MHz	3.120	0.23
SMDRI62-271M	270	M	100KHz	40	0.796MHz	4.380	0.22
SMDRI62-331M	330	M	100KHz	40	0.796MHz	4.940	0.19

MINIATURE SMD CHIP CHOKE COILS

SMDRI64 Series

Part No.	Inductance(uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRI64-100N	10	N	100KHz	35	1MHz	0.12	1.35
SMDRI64-120M	12	M	100KHz	35	1MHz	0.13	1.22
SMDRI64-150M	15	M	100KHz	35	1MHz	0.18	1.11
SMDRI64-180M	18	M	100KHz	35	1MHz	0.24	1.02
SMDRI64-220M	22	M	100KHz	35	1MHz	0.27	0.91
SMDRI64-270M	27	M	100KHz	35	1MHz	0. 30	0.82
SMDRI64-330M	33	M	100KHz	35	1MHz	0.33	0.74
SMDRI64-390M	39	M	100KHz	35	1MHz	0.37	0.69
SMDRI64-470M	47	M	100KHz	35	1MHz	0.52	0.62
SMDRI64-560M	56	M	100KHz	35	1MHz	0.56	0.58
SMDRI64-680M	68	M	100KHz	35	1MHz	0.63	0.51
SMDRI64-820M	82	M	100KHz	35	1MHz	0.71	0.46
SMDRI64-101M	100	M	100KHz	40	0.796MHz	1.03	0.42
SMDRI64-121M	120	M	100KHz	40	0.796MHz	1.15	0.38
SMDRI64-151M	150	M	100KHz	40	0.796MHz	1.68	0.35
SMDRI64-181M	180	M	100KHz	40	0.796MHz	1.87	0.32
SMDRI64-221M	220	M	100KHz	40	0.796MHz	2.08	0.29
SMDRI64-271M	270	M	100KHz	40	0.796MHz	2.37	0.26
SMDRI64-331M	330	M	100KHz	40	0.796MHz	2.67	0.23
SMDRI64-391M	390	M	100KHz	40	0.796MHz	2.94	0.22
SMDRI64-471M	470	M	100KHz	40	0.796MHz	3.93	0.20
SMDRI64-561M	560	M	100KHz	40	0.796MHz	5.43	0.18
SMDRI64-681M	680	M	100KHz	40	0.796MHz	7.32	0.17
SMDRI64-821M	820	M	100KHz	40	0.796MHz	8.24	0.15
SMDRI64-102M	1000	M	100KHz	40	0.796MHz	9.26	0.14

MINIATURE SMD CHIP CHOKE COILS

SMDRI73 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRI73-2R2N	2.2	N	100KHz	20	1MHz	0.025	3.00
SMDRI73-3R3N	3.3	N	100KHz	20	1MHz	0.035	2.50
SMDRI73-4R7N	4.7	N	100KHz	30	1MHz	0.051	2.00
SMDRI73-100N	10	N	100KHz	35	1MHz	0.072	1.68
SMDRI73-120M	12	M	100KHz	35	1MHz	0. 098	1.52
SMDRI73-150M	15	M	100KHz	35	1MHz	0.130	1.33
SMDRI73-180M	18	M	100KHz	35	1MHz	0.140	1.20
SMDRI73-220M	22	M	100KHz	35	1MHz	0. 190	1.07
SMDRI73-270M	27	M	100KHz	35	1MHz	0.210	0.96
SMDRI73-330M	33	M	100KHz	35	1MHz	0.240	0.91
SMDRI73-390M	39	M	100KHz	35	1MHz	0.320	0.77
SMDRI73-470M	47	M	100KHz	35	1MHz	0.360	0.76
SMDRI73-560M	56	M	100KHz	35	1MHz	0.470	0.68
SMDRI73-680M	68	M	100KHz	35	1MHz	0.520	0.61
SMDRI73-820M	82	M	100KHz	35	1MHz	0.690	0.57
SMDRI73-101M	100	M	100KHz	40	0.796MHz	0.790	0.50
SMDRI73-121M	120	M	100KHz	40	0.796MHz	0.890	0.49
SMDRI73-151M	150	M	100KHz	40	0.796MHz	1.270	0.43
SMDRI73-181M	180	M	100KHz	40	0.796MHz	1.450	0.39
SMDRI73-221M	220	M	100KHz	40	0.796MHz	1. 650	0.35
SMDRI73-271M	270	M	100KHz	40	0.796MHz	2.310	0.32
SMDRI73-331M	330	M	100KHz	40	0.796MHz	2.620	0.28
SMDRI73-391M	390	M	100KHz	40	0.796MHz	2.940	0.26
SMDRI73-471M	470	M	100KHz	40	0.796MHz	4.180	0.24
SMDRI73-561M	560	M	100KHz	40	0.796MHz	4.670	0.22
SMDRI73-681M	680	M	100KHz	40	0.796MHz	5.730	0.19
SMDRI73-821M	820	M	100KHz	40	0.796MHz	6.540	0.18
SMDRI73-102M	1000	M	100KHz	40	0.796MHz	9.440	0.16

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SMDRI74 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRI74-100N	10	N	100KHz	35	1MHz	0.049	1.84
SMDRI74-120M	12	M	100KHz	35	1MHz	0.058	1.71
SMDRI74-150M	15	M	100KHz	35	1MHz	0.081	1.47
SMDRI74-180M	18	M	100KHz	35	1MHz	0.091	1.31
SMDRI74-220M	22	M	100KHz	35	1MHz	0.110	1.23
SMDRI74-270M	27	M	100KHz	35	1MHz	0.150	1.12
SMDRI74-330M	33	M	100KHz	35	1MHz	0.170	0.96
SMDRI74-390M	39	M	100KHz	35	1MHz	0.230	0.91
SMDRI74-470M	47	M	100KHz	35	1MHz	0. 260	0.88
SMDRI74-560M	56	M	100KHz	35	1MHz	0.350	0.75
SMDRI74-680M	68	M	100KHz	35	1MHz	0.380	0.69
SMDRI74-820M	82	M	100KHz	35	1MHz	0.430	0.61
SMDRI74-101M	100	M	100KHz	40	0.796MHz	0.610	0.60
SMDRI74-121M	120	M	100KHz	40	0.796MHz	0. 660	0.52
SMDRI74-151M	150	M	100KHz	40	0.796MHz	0.880	0.46
SMDRI74-181M	180	M	100KHz	40	0.796MHz	0.980	0.42
SMDRI74-221M	220	M	100KHz	40	0.796MHz	1.170	0.36
SMDRI74-271M	270	M	100KHz	40	0.796MHz	1.640	0.34
SMDRI74-331M	330	M	100KHz	40	0.796MHz	1.860	0.32
SMDRI74-391M	390	M	100KHz	40	0.796MHz	2.850	0.29
SMDRI74-471M	470	M	100KHz	40	0.796MHz	3.010	0.26
SMDRI74-561M	560	M	100KHz	40	0.796MHz	3.620	0.23
SMDRI74-681M	680	M	100KHz	40	0.796MHz	4.630	0.22
SMDRI74-821M	820	M	100KHz	40	0.796MHz	5.200	0.20
SMDRI74-102M	1000	M	100KHz	40	0.796MHz	6. 000	0.18

MINIATURE SMD CHIP CHOKE COILS

SMDRI124 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRI124-1R0N	1.0	N	100KHz	20	1MHz	0.010	7.0
SMDRI124-2R2N	2.2	N	100KHz	20	1MHz	0.014	5.7
SMDRI124-3R3N	3.3	N	100KHz	20	1MHz	0.015	5.2
SMDRI124-3R9N	3.9	N	100KHz	20	1MHz	0.015	6.5
SMDRI124-4R7N	4.7	N	100KHz	30	1MHz	0.018	4.9
SMDRI124-6R8N	6.8	N	100KHz	30	1MHz	0.023	4.2
SMDRI124-8R2N	8.2	N	100KHz	30	1MHz	0.026	4.0
SMDRI124-100N	10	N	100KHz	35	1MHz	0.028	3.8
SMDRI124-120M	12	M	100KHz	35	1MHz	0.038	3.5
SMDRI124-150M	15	M	100KHz	35	1MHz	0.050	3.2
SMDRI124-180M	18	M	100KHz	35	1MHz	0.057	3.1
SMDRI124-220M	22	M	100KHz	35	1MHz	0.066	2.9
SMDRI124-270M	27	M	100KHz	35	1MHz	0.080	2.8
SMDRI124-330M	33	M	100KHz	35	1MHz	0.097	2.7
SMDRI124-390M	39	M	100KHz	35	1MHz	0.132	2.1
SMDRI124-470M	47	M	100KHz	35	1MHz	0.150	1.9
SMDRI124-560M	56	M	100KHz	35	1MHz	0.190.	1.8
SMDRI124-680M	68	M	100KHz	35	1MHz	0.220	1.5
SMDRI124-820M	82	M	100KHz	35	1MHz	0.260	1.3
SMDRI124-101M	100	M	100KHz	40	0.796MHz	0.308	1.2
SMDRI124-121M	120	M	100KHz	40	0.796MHz	0.380	1.1
SMDRI124-151M	150	M	100KHz	40	0.796MHz	0.530	0.95
SMDRI124-181M	180	M	100KHz	40	0.796MHz	0.620	0.85
SMDRI124-221M	220	M	100KHz	40	0.796MHz	0.700	0.8
SMDRI124-271M	270	M	100KHz	40	0.796MHz	0.876	0.6
SMDRI124-331M	330	M	100KHz	40	0.796MHz	0.990	0.5

MINIATURE SMD CHIP CHOKE COILS

SMDRI125 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRI125-1R0N	1.0	N	100KHz	20	1MHz	0.010	8.0
SMDRI125-2R2N	2.2	N	100KHz	20	1MHz	0.014	7.8
SMDRI125-2R4N	2.4	N	100KHz	20	1MHz	0.014	7.5
SMDRI125-3R3N	3.3	N	100KHz	20	1MHz	0.017	6.8
SMDRI125-4R7N	4.7	N	100KHz	30	1MHz	0.020	5.6
SMDRI125-5R8N	5.8	N	100KHz	30	1MHz	0.021	5.2
SMDRI125-8R2N	8.2	N	100KHz	30	1MHz	0.023	4.4
SMDRI125-100N	10	N	100KHz	35	1MHz	0.025	4.00
SMDRI125-120M	12	M	100KHz	35	1MHz	0.027	3.50
SMDRI125-150M	15	M	100KHz	35	1MHz	0.030	3.30
SMDRI125-180M	18	M	100KHz	35	1MHz	0.034	3.00
SMDRI125-220M	22	M	100KHz	35	1MHz	0.036	2.80
SMDRI125-270M	27	M	100KHz	35	1MHz	0.051	2.30
SMDRI125-330M	33	M	100KHz	35	1MHz	0.057	2.10
SMDRI125-390M	39	M	100KHz	35	1MHz	0.068	2.00
SMDRI125-470M	47	M	100KHz	35	1MHz	0.075	1.80
SMDRI125-560M	56	M	100KHz	35	1MHz	0.110	1.70
SMDRI125-680M	68	M	100KHz	35	1MHz	0.120	1.50
SMDRI125-820M	82	M	100KHz	35	1MHz	0.140	1.40
SMDRI125-101M	100	M	100KHz	40	0.796MHz	0.160	1.30
SMDRI125-121M	120	M	100KHz	40	0.796MHz	0.170	1.10
SMDRI125-151M	150	M	100KHz	40	0.796MHz	0.230	1.00
SMDRI125-181M	180	M	100KHz	40	0.796MHz	0.290	0.90
SMDRI125-221M	220	M	100KHz	40	0.796MHz	0.400	0.80
SMDRI125-271M	270	M	100KHz	40	0.796MHz	0.460	0.75
SMDRI125-331M	330	M	100KHz	40	0.796MHz	0.510	0.68
SMDRI125-391M	390	M	100KHz	40	0.796MHz	0.690	0.65
SMDRI125-471M	470	M	100KHz	40	0.796MHz	0.770	0.58
SMDRI125-561M	560	M	100KHz	40	0.796MHz	0.860	0.54
SMDRI125-681M	680	M	100KHz	40	0.796MHz	1.200	0.48
SMDRI125-821M	820	M	100KHz	40	0.796MHz	1.340	0.43
SMDRI125-102M	1000	M	100KHz	40	0.796MHz	1.530	0.40

MINIATURE SMD CHIP CHOKE COILS

SMDRI127 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRI127-1R0N	1.0	N	100KHz	20	1MHz	0.009	10.00
SMDRI127-2R2N	2.2	N	100KHz	20	1MHz	0.012	8.00
SMDRI127-2R7N	2.7	N	100KHz	20	1MHz	0.013	8.00
SMDRI127-3R3N	3.3	N	100KHz	20	1MHz	0.013	8.00
SMDRI127-3R5N	3.5	N	100KHz	20	1MHz	0.013	7.50
SMDRI127-3R9N	3.9	N	100KHz	20	1MHz	0.014	7.50
SMDRI1274R7N	4.7	N	100KHz	30	1MHz	0.016	6.80
SMDRI127-6R1N	6.1	N	100KHz	30	1MHz	0.018	6.60
SMDRI127-6R8N	6.8	N	100KHz	30	1MHz	0.019	6.60
SMDRI127-7R6N	7.6	N	100KHz	30	1MHz	0.020	5.90
SMDRI127-8R2N	8.2	N	100KHz	30	1MHz	0.020	5.60
SMDRI127-100N	10	N	100KHz	35	1MHz	0.021	5.40
SMDRI127-120M	12	M	100KHz	35	1MHz	0.240	4.90
SMDRI127-150M	15	M	100KHz	35	1MHz	0.027	4.50
SMDRI127-180M	18	M	100KHz	35	1MHz	0.090	3.90
SMDRI127-220M	22	M	100KHz	35	1MHz	0.043	3.60
SMDRI127-270M	27	M	100KHz	35	1MHz	0.045	3.40
SMDRI127-330M	33	M	100KHz	35	1MHz	0.064	3.00
SMDRI127-390M	39	M	100KHz	35	1MHz	0.072	2.75
SMDRI127-470M	47	M	100KHz	35	1MHz	0.100	2.50
SMDRI127-560M	56	M	100KHz	35	1MHz	0.110	2.35
SMDRI127-680M	68	M	100KHz	35	1MHz	0.140	2.10
SMDRI127-820M	82	M	100KHz	35	1MHz	0.160	1.95
SMDRI127-101M	100	M	100KHz	40	0.796MHz	0.220	1.70
SMDRI127-121M	120	M	100KHz	40	0.796MHz	0.250	1.60
SMDRI127-151M	150	M	100KHz	40	0.796MHz	0.280	1.42
SMDRI127-181M	180	M	100KHz	40	0.796MHz	0.350	1.30
SMDRI127-221M	220	M	100KHz	40	0.796MHz	0.390	1.16
SMDRI127-271M	270	M	100KHz	40	0.796MHz	0.560	1.06
SMDRI127-331M	330	M	100KHz	40	0.796MHz	0.640	0.95
SMDRI127-391M	390	M	100KHz	40	0.796MHz	0.700	0.88
SMDRI127-471M	470	M	100KHz	40	0.796MHz	0.980	0.79
SMDRI127-561M	560	M	100KHz	40	0.796MHz	1.070	0.73
SMDRI127-681M	680	M	100KHz	40	0.796MHz	1.460	0.67
SMDRI127-821M	820	M	100KHz	40	0.796MHz	1.640	0.60
SMDRI127-102M	1000	M	100KHz	40	0.796MHz	1.820	0.55