

■ 贴片功率电感 CH 系列  
CH Series SMD Power Inductors

● **FEATURES** 特性

Various high power inductors are superior to be high saturation for surface mounting.  
具有高功率、高饱和电流、低阻抗、小型化之特性。

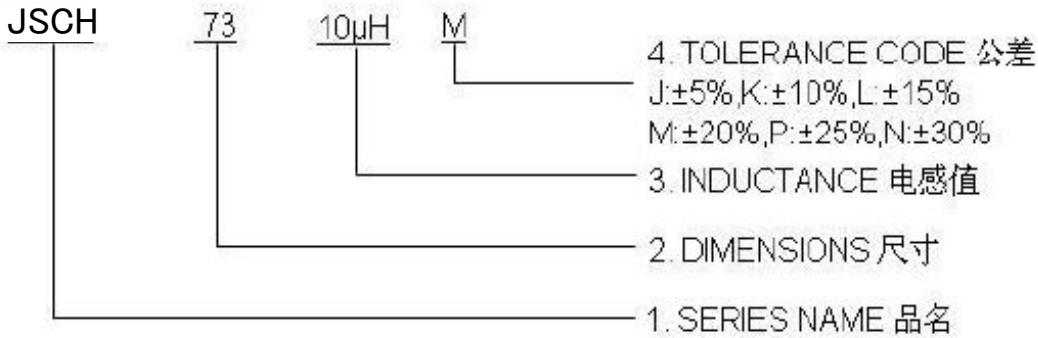


● **APPLICATIONS** 用途

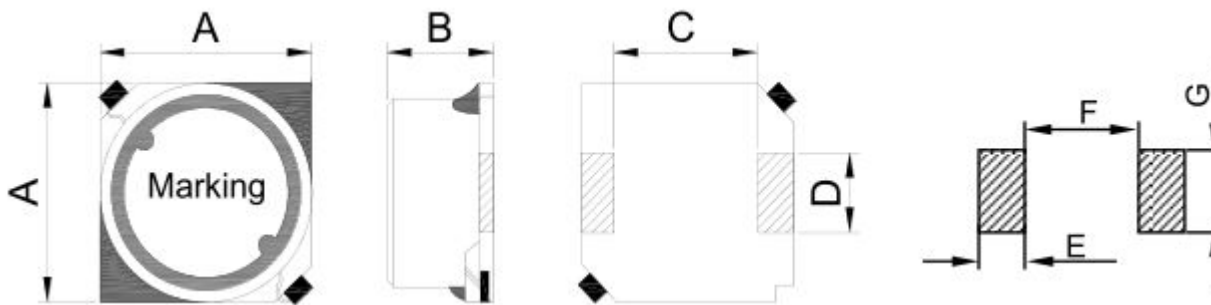
Power supply for TVR,OA equipment Digital camera,LCD television set notebook PC,  
portable communication equipments,DC/DC converters,etc.

录影机，OA 仪器，数码相机，液晶电视，笔记本电脑，小型通信设备，DC/DC 转换器。

● **PART NUMBERING SYSTEM** 品名系统



● **SHAPES AND DIMENSIONS** 外形尺寸 (Unit:mm)



● 外形尺寸 SHAPE AND DIMENSIONS / 焊锡面积推荐:Recommend Land pattern Dimensions: (mm)

TYPE(型号)	A (Max)	B (Max)	C (Ref.)	D (Ref.)	E	F	G
JSCH63	6.4	3.5	3.0	2.0	2.0	3.0	2.2
JSCH73	7.4	3.5	4.0	2.0	2.0	4.0	2.2
JSCH75	7.4	5.0	4.0	2.0	2.0	4.0	2.2
JSCH104	10.8	5.0	6.0	3.0	2.5	5.6	3.2
JSCH125	13.0	7.5	8.5	3.0	2.5	8.0	3.2
JSCH127	13.0	8.0	8.5	3.0	2.5	8.0	3.2

- 电性能参数 ELECTRICAL CHARACTERISTICS

- SPECIFICATION TABLE:**

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max) ( $\Omega$ ) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
JSCH63-2.2uH/N	2.2 $\pm$ 30%	0.052	2.50	100
JSCH63-3.3uH/N	3.3 $\pm$ 30%	0.058	2.30	100
JSCH63-4.7uH/M	4.7 $\pm$ 20%	0.680	2.00	100
JSCH63-6.8uH/M	6.8 $\pm$ 20%	0.850	1.50	100
JSCH63-10uH/M	10 $\pm$ 20%	0.100	1.20	100
JSCH63-15uH/M	15 $\pm$ 20%	0.150	1.00	100
JSCH63-22uH/M	22 $\pm$ 20%	0.206	0.77	100
JSCH63-220uH/M	220 $\pm$ 20%	1.700	0.26	100

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JSCH73-2.2uH/N	2.2 $\pm$ 30%	0.036	2.70	100
JSCH73-3.3uH/N	3.3 $\pm$ 30%	0.040	2.50	100
JSCH73-4.7uH/M	4.7 $\pm$ 20%	0.055	2.30	100
JSCH73-6.8uH/M	6.8 $\pm$ 20%	0.070	1.85	100
JSCH73-10uH/M	10 $\pm$ 20%	0.080	1.40	100
JSCH73-15uH/M	15 $\pm$ 20%	0.150	1.20	100
JSCH73-22uH/M	22 $\pm$ 20%	0.220	0.96	100
JSCH73-33uH/M	33 $\pm$ 20%	0.280	0.78	100
JSCH73-47uH/M	47 $\pm$ 20%	0.350	0.60	100
JSCH73-56uH/M	56 $\pm$ 20%	0.380	0.55	100
JSCH73-68uH/M	68 $\pm$ 20%	0.420	0.52	100
JSCH73-82uH/M	82 $\pm$ 20%	0.450	0.50	100
JSCH73-100uH/M	100 $\pm$ 20%	0.650	0.40	100
JSCH73-470uH/M	470 $\pm$ 20%	2.600	0.15	100

**Remark:** • Inductance Tested at 100kHz,0.25Vrms (20°C)

- IDC: DC current at which the inductance drops approximate 20% from its value without current
- Operating Temperature : -25°C ~ +105°C
- Measure Equipment:

INDUCTANCE : Agilent HP-4284A , HP-4285A

IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A

## ● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max) ( $\Omega$ ) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
JSCH75-2.2uH/N	2.2 $\pm$ 30%	0.038	5.00	100
JSCH75-3.3uH/N	3.3 $\pm$ 30%	0.045	4.20	100
JSCH75-4.7uH/M	4.7 $\pm$ 20%	0.050	3.50	100
JSCH75-6.8uH/M	6.8 $\pm$ 20%	0.065	2.70	100
JSCH75-8.2uH/M	8.2 $\pm$ 20%	0.068	2.40	100
JSCH75-10uH/M	10 $\pm$ 20%	0.070	2.00	100
JSCH75-15uH/M	15 $\pm$ 20%	0.100	1.60	100
JSCH75-22uH/M	22 $\pm$ 20%	0.125	1.40	100
JSCH75-33uH/M	33 $\pm$ 20%	0.160	0.90	100
JSCH75-47uH/M	47 $\pm$ 20%	0.220	0.84	100
JSCH75-68uH/M	68 $\pm$ 20%	0.360	0.70	100
JSCH75-82uH/M	82 $\pm$ 20%	0.400	0.60	100
JSCH75-100uH/M	100 $\pm$ 20%	0.450	0.55	100
JSCH75-220uH/M	220 $\pm$ 20%	1.300	0.45	100
JSCH75-470uHM	470 $\pm$ 20%	3.800	0.30	100
JSCH75-680uHM	680 $\pm$ 20%	5.500	0.25	100

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JSCH104-2.2uH/N	2.2 $\pm$ 30%	0.035	4.00	100
JSCH104-3.3uH/N	3.3 $\pm$ 30%	0.040	3.80	100
JSCH104-10uH/M	10 $\pm$ 20%	0.050	3.00	100
JSCH104-22uH/M	22 $\pm$ 20%	0.100	1.40	100
JSCH104-68uH/M	68 $\pm$ 20%	0.195	1.20	100
JSCH104-100uH/M	100 $\pm$ 20%	0.330	0.70	100
JSCH104-390uHM	390 $\pm$ 20%	1.300	0.50	100

**Remark:** ● Inductance Tested at 100kHz,0.25Vrms (20 $^{\circ}$ C)

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JSCH125-10uH/M	10 $\pm$ 20%	0.048	4.40	100
JSCH125-15uH/M	15 $\pm$ 20%	0.055	4.00	100
JSCH125-22uH/M	22 $\pm$ 20%	0.060	3.00	100
JSCH125-33uH/M	33 $\pm$ 20%	0.070	2.50	100
JSCH125-47uH/M	47 $\pm$ 20%	0.125	2.20	100
JSCH125-68uH/M	68 $\pm$ 20%	0.146	1.90	100
JSCH125-100uH/M	100 $\pm$ 20%	0.200	1.50	100
JSCH125-220uH/M	220 $\pm$ 20%	0.600	1.40	100
JSCH125-470uH/M	470 $\pm$ 20%	1.100	1.00	100
JSCH125-680uH/M	680 $\pm$ 20%	2.300	0.70	100

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JSCH127-6.8uH/M	6.8 $\pm$ 20%	0.018	7.20	100
JSCH127-10uH/M	10 $\pm$ 20%	0.021	5.50	100
JSCH127-15uH/M	15 $\pm$ 20%	0.028	4.70	100
JSCH127-22uH/M	22 $\pm$ 20%	0.050	4.00	100
JSCH127-33uH/M	33 $\pm$ 20%	0.055	3.40	100
JSCH127-47uH/M	47 $\pm$ 20%	0.064	3.00	100
JSCH127-68uH/M	68 $\pm$ 20%	0.092	2.60	100
JSCH127-100uH/M	100 $\pm$ 20%	0.150	1.90	100
JSCH127-220uH/M	220 $\pm$ 20%	0.320	1.00	100
JSCH127-470uH/M	470 $\pm$ 20%	0.800	0.80	100
JSCH127-1.0mH/K	1000 $\pm$ 10%	1.500	0.55	100
JSCH127-1.5mH/K	1500 $\pm$ 10%	2.300	0.45	100
JSCH127-2.2mH/K	2200 $\pm$ 10%	3.400	0.40	100

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