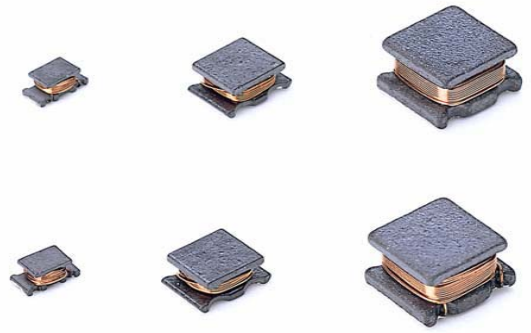




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TYPE*



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TYPE*



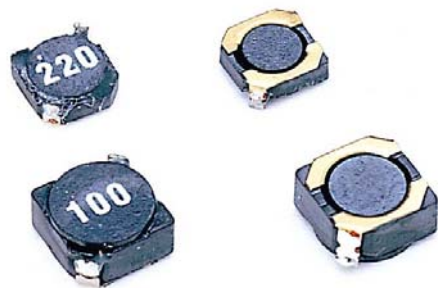
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*HSM0504/0904/1105/1306/ HC TYPE*



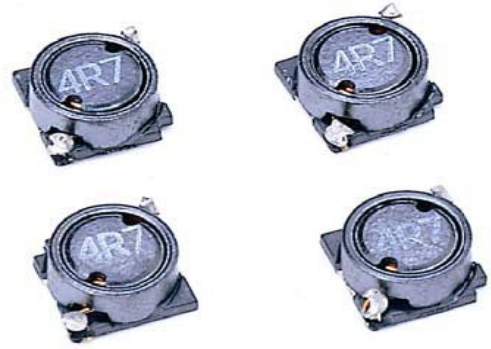
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*HSMRH2D/3D/4D/5D/6D/8D TYPE*



*HSMRH103R/104R/105R TYPE*



*HSMSLF TYPE*



*HSMRH63B/74B/105B/125B/ TYPE*



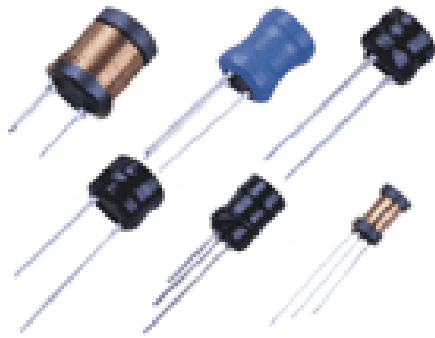
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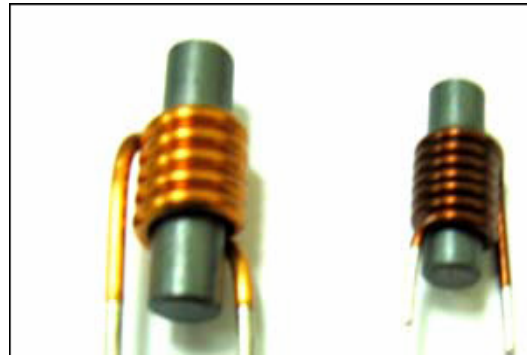
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*PKS4W1006/1008/1010 TYPE*



*PK0406/0608/0810/0912/1010/1012*



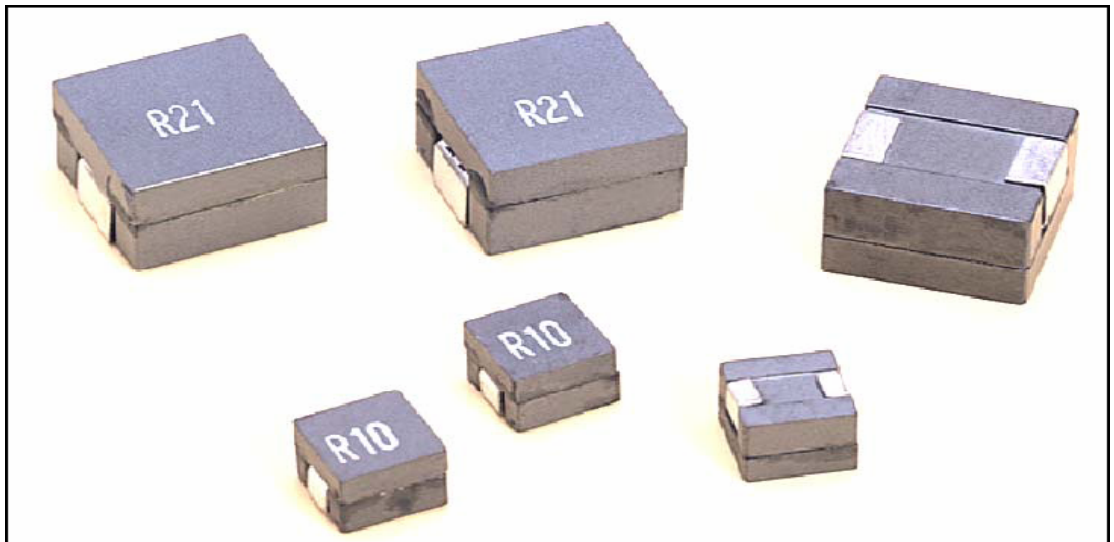
*FC TYPE*



*VC TYPE*



*TC TYPE*



*HSMB TYPE*

编 号	产品图片	内容	页码
1		<i>HSM31/32/42/43/52/53/54/73/75/104/105 TYPE</i>	5-21
2		<i>HSMLFQ321618/322520/453226/575047 TYPE</i>	22-28
3		<i>HSM0402F/0802F/0804F/0810F/1206F/ TYPE</i>	29-36
4		<i>HSM0504/0904/1105/1306/ HC TYPE</i>	37-41
5		<i>HSMRH62B/64B/73/74/124/125/127 TYPE</i>	42-52
6		<i>HSMRH2D/3D/4D/5D/6D/8D TYPE</i>	53-66
7		<i>HSMRH8D28/8D38/8D43/8D58 TYPE</i>	67-73
8		<i>HSMRH103R/104R/105R TYPE</i>	74-80
9		<i>HSMSLF TYPE</i>	81-88
10		<i>HSMRH63B/74B/105B/125B/ TYPE</i>	89-95
11		<i>HSM0402C/0804C/1206C/ TYPE</i>	96-101
12		<i>HSMRH0502/0530/0630/0635/ TYPE</i>	102-108
13		<i>PKS0605/0606/0805/0807/1014/ TYPE</i> <i>PKS4E1006/1008/1010 TYPE</i>	109-118
14		<i>PK0406/0608/0810/0912/1010/1012</i>	119-122
15		<i>FC TYPE</i>	123-129
16		<i>VC TYPE</i>	130-133
17		<i>TC TYPE</i>	134-141
18		<i>HSMB TYPE</i>	142-144
19			

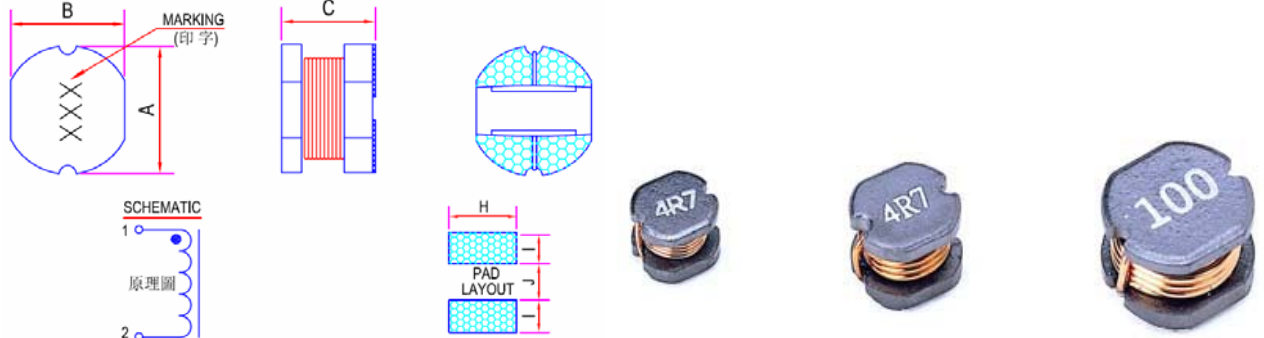
# HSM TYRE

## PART NUMBERING SYSTEM(品名系列)

HSM      54    -101    K - T/B



- ①. 产品类型：产品代码。
- ②. 产品尺寸：外围×高度。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30%。
- ⑤. 包装方式：“T”：载带盘装，B：散装



### →EXTERNAL DIMENSION UNIT:mm(外形尺寸)

PART NO.	A	B	C	H	I	J
HSM31A	3.5±0.3	3.0±0.2	1.1±0.3	3.5	1.6	0.8
HSM31B	3.5±0.3	3.0±0.2	2.0±0.3	3.5	1.6	0.8
HSM32	3.5±0.3	3.0±0.3	2.0±0.3	3.5	1.6	0.8
HSM42	4.5±0.3	4.0±0.3	2.0±0.3	4.5	1.75	1.5
HSM43	4.5±0.3	4.0±0.3	3.2±0.3	4.5	1.75	1.5
HSM52A	5.8±0.3	5.2±0.3	2.5±0.3	5.5	2.15	1.7
HSM52B	5.8±0.3	5.2±0.3	3.0±0.3	5.5	2.15	1.7
HSM53A	5.8±0.3	5.2±0.3	3.0±0.3	5.5	2.15	1.7
HSM53B	5.8±0.3	5.2±0.3	3.5±0.3	5.5	2.15	1.7
HSM54	5.8±0.3	5.2±0.3	4.5±0.3	5.5	2.15	1.7
HSM73	7.8±0.3	7.0±0.3	3.5±0.3	7.5	3.0	2.0
HSM75	7.8±0.3	7.0±0.3	5.0±0.3	7.5	3.0	2.0
HSM105	10.0±0.3	9.0±0.3	5.4±0.3	9.5	3.75	2.5
HSM106	10.0±0.3	9.0±0.3	6.5±0.3	9.5	1.5	3.7
HSM108	10.0±0.3	9.0±0.3	8.3±0.3	9.7	2.0	4.4

#### FEATURES(特性)

Various high power inductors are superior to be high saturation for surface mounting.

开磁路设计具有大功率.高饱和电流..低阻抗.小型化之特点。

#### APPLICATIONS(用途)

Power supply for vtr,OA equipment Digiht camera ,LCD television set notebook PC,portable communication

Equipments DC/DC Converters,etc

录放影机电源供应器.液晶电视机.笔记本电脑.便携式通讯设备.直流/直流转换器

# HSM31A/B TYPE

## → 电气性能 Electrical Characteristics

PART NO. (品名)	INDUCTANCE(UH) 电感值	DCR 直流电 阻(MaX) (Ω)	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM31A-2R2M	2.2	0.3	1.6	1KHZ/0.25V
HSM31A-3R3M	3.3	0.35	1.55	1KHZ/0.25V
HSM31A-4R7M	4.7	0.4	1.47	1KHZ/0.25V
HSM31A-6R8M	6.8	0.5	1.34	1KHZ/0.25V
HSM31A-100M	10.0	0.6	1.24	1KHZ/0.25V
HSM31A-150M	15.0	0.75	1.22	1KHZ/0.25V
HSM31A-220M	22.0	1.05	1.09	1KHZ/0.25V
HSM31A-470M	47.0	2.5	0.96	1KHZ/0.25V
HSM31B-1R0M	1.0	0.052	2.5	1KHZ/0.25V
HSM31B-1R5M	1.5	0.065	2.0	1KHZ/0.25V
HSM31B-2R2M	2.2	0.067	1.2	1KHZ/0.25V
HSM31B-3R3M	3.3	0.27	1.08	1KHZ/0.25V
HSM31B-3R9M	3.9	0.83	1.00	1KHZ/0.25V
HSM31B-4R7M	4.7	1.131	1.00	1KHZ/0.25V
HSM31B-5R6M	5.6	1.25	0.80	1KHZ/0.25V
HSM31B-8R2M	8.2	1.00	0.58	1KHZ/0.25V
HSM31B-100M	10	0.27	0.75	1KHZ/0.25V
HSM31B-120M	12	0.52	0.76	1KHZ/0.25V
HSM31B-150M	15	0.91	0.5	1KHZ/0.25V
HSM31B-180M	18	1.75	0.40	1KHZ/0.25V
HSM31B-220M	22	1.90	0.35	1KHZ/0.25V
HSM31B-270M	27	2.85	0.32	1KHZ/0.25V
HSM31B-330M	33	4.05	0.30	1KHZ/0.25V
HSM31B-390M	39	6.30	0.30	1KHZ/0.25V
HSM31B-470M	47	8.30	0.30	1KHZ/0.25V
HSM31B-560M	56	10.25	0.30	1KHZ/0.25V
HSM31B-680M	68	15.30	0.25	1KHZ/0.25V
HSM31B-820M	82	18.30	0.25	1KHZ/0.25V
HSM31B-101M	100	22.7	0.20	1KHZ/0.25V
HSM31B-121M	120	25.30	0.20	1KHZ/0.25V
HSM31B-151M	150	26.35	0.20	1KHZ/0.25V
HSM31B-181M	180	28.35	0.1	1KHZ/0.25V

# HSM32 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSM32-1R0M	1.0	0.026	2.20	1KHZ/0.25V
HSM32-1R2M	1.2	0.032	2.10	1KHZ/0.25V
HSM32-1R5M	1.5	0.034	1.70	1KHZ/0.25V
HSM32-2R2M	2.2	0.065	1.60	1KHZ/0.25V
HSM32-2R7M	2.7	0.068	1.40	1KHZ/0.25V
HSM32-3R3M	3.3	0.095	1.04	1KHZ/0.25V
HSM32-3R9M	3.9	0.108	1.00	1KHZ/0.25V
HSM32-4R7M	4.7	0.115	1.00	1KHZ/0.25V
HSM32-5R6M	5.6	0.131	0.95	1KHZ/0.25V
HSM32-6R8M	6.8	0.181	0.95	1KHZ/0.25V
HSM32-8R2M	8.2	0.195	0.92	1KHZ/0.25V
HSM32-100M	10.0	0.234	0.90	1KHZ/0.25V
HSM32-120M	12.0	0.228	0.85	1KHZ/0.25V
HSM32-150M	15.0	0.332	0.75	1KHZ/0.25V
HSM32-180M	18.0	0.408	0.70	1KHZ/0.25V
HSM32-220K	22.0	0.57	0.60	1KHZ/0.25V
HSM32-270K	27.0	0.68	0.55	1KHZ/0.25V
HSM32-330K	33.0	0.79	0.50	1KHZ/0.25V
HSM32-390K	39.0	1.03	0.48	1KHZ/0.25V
HSM32-470K	47.0	1.16	0.45	1KHZ/0.25V
HSM32-560K	56.0	1.31	0.30	1KHZ/0.25V
HSM32-680K	68.0	1.63	0.26	1KHZ/0.25V
HSM32-820K	82.0	1.82	0.23	1KHZ/0.25V
HSM32-101K	100.0	2.41	0.20	1KHZ/0.25V
HSM32-121K	120.0	2.72	0.18	1KHZ/0.25V
HSM32-151K	150.0	3.12	0.16	1KHZ/0.25V
HSM32-181K	180.0	3.67	0.15	1KHZ/0.25V
HSM32-221K	220.0	4.99	0.14	1KHZ/0.25V
HSM32-271K	270	5.88	0.10	1KHZ/0.25V
HSM32-331K	330.0	6.70	0.09	1KHZ/0.25V
HSM32-102K	100.0	2.10	0.30	1KHZ/0.25V
HSM32-561K	560.0	8.50	0.25	1KHZ/0.25V
HSM32-201K	200.0	3.25	0.20	1KHZ/0.25V
HSM32-301K	300.0	5.25	0.10	1KHZ/0.25V

# HSM42 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM42-2R2M	2.2	1.05	1.70	1KHZ/0.25V
HSM42-2R7M	2.7	1.05	1.60	1KHZ/0.25V
HSM42-3R3M	3.3	1.20	1.45	1KHZ/0.25V
HSM42-3R9M	3.9	1.25	1.30	1KHZ/0.25V
HSM42-4R7M	4.7	1.25	1.25	1KHZ/0.25V
HSM42-5R6M	5.6	1.30	1.15	1KHZ/0.25V
HSM42-6R8M	6.8	1.35	1.05	1KHZ/0.25V
HSM42-8R2M	8.2	1.40	0.94	1KHZ/0.25V
HSM42-100M	10	1.44	0.84	1KHZ/0.25V
HSM42-120M	12	1.55	0.76	1KHZ/0.25V
HSM42-150M	15	1.50	0.69	1KHZ/0.25V
HSM42-180M	18	2.20	0.64	1KHZ/0.25V
HSM42-220K	22	2.52	0.57	1KHZ/0.25V
HSM42-270K	27	3.32	0.51	1KHZ/0.25V
HSM42-330K	33	3.35	0.46	1KHZ/0.25V
HSM42-390K	39	3.50	0.42	1KHZ/0.25V
HSM42-470K	47	3.65	0.39	1KHZ/0.25V
HSM42-560K	56	3.70	0.36	1KHZ/0.25V
HSM42-680K	68	3.70	0.32	1KHZ/0.25V
HSM42-820K	82	3.75	0.29	1KHZ/0.25V
HSM42-101K	100	3.80	0.26	1KHZ/0.25V
HSM42-121K	120	3.85	0.24	1KHZ/0.25V
HSM42-151K	150	3.85	0.21	1KHZ/0.25V
HSM42-181K	180	4.00	0.20	1KHZ/0.25V
HSM42-221K	220	4.00	0.18	1KHZ/0.25V
HSM42-271K	270	4.05	0.16	1KHZ/0.25V
HSM42-331K	330	4.08	0.16	1KHZ/0.25V
HSM42-391K	390	4.56	0.16	1KHZ/0.25V
HSM42-471K	470	11.25	1.15	1KHZ/0.25V
HSM42-122K	1200	16.63	1.15	1KHZ/0.25V
HSM42-182K	1800	18.34	1.15	1KHZ/0.25V
HSM42-202K	2000	24.83	1.14	1KHZ/0.25V
HSM42-222K	2200	32.24	1.10	1KHZ/0.25V



# HSM43 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) ( $\Omega$ ) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSM43-IR0M	1.0	0.014	2.56	1KHZ/0.25V
HSM43-IR4M	1.4	0.022	2.52	1KHZ/0.25V
HSM43-IR8M	1.8	0.027	1.95	1KHZ/0.25V
HSM43-2R2M	2.2	0.031	1.75	1KHZ/0.25V
HSM43-2R7M	2.7	0.032	1.58	1KHZ/0.25V
HSM43-3R3M	3.3	0.038	1.44	1KHZ/0.25V
HSM43-3R9M	3.9	0.046	1.33	1KHZ/0.25V
HSM43-4R7M	4.7	0.058	1.15	1KHZ/0.25V
HSM43-5R6M	5.6	0.071	0.99	1KHZ/0.25V
HSM43-6R8M	6.8	0.073	0.95	1KHZ/0.25V
HSM43-8R2M	8.2	0.075	0.84	1KHZ/0.25V
HSM43-8R4M	8.4	0.093	0.84	1KHZ/0.25V
HSM43-100M	10.0	0.107	1.04	1KHZ/0.25V
HSM43-I20M	12.0	0.135	0.97	1KHZ/0.25V
HSM43-I50M	15.0	0.156	0.85	1KHZ/0.25V
HSM43-I80M	18.0	0.204	0.74	1KHZ/0.25V
HSM43-220M	22.0	0.240	0.68	1KHZ/0.25V
HSM43-250M	25.0	0.520	0.60	1KHZ/0.25V
HSM43-270M	27.0	0.286	0.62	1KHZ/0.25V
HSM43-330K	33.0	0.329	0.56	1KHZ/0.25V
HSM43-390K	39.0	0.375	0.52	1KHZ/0.25V
HSM43-470K	47.0	0.415	0.44	1KHZ/0.25V
HSM43-560K	56.0	0.659	0.42	1KHZ/0.25V
HSM43-680K	68.0	0.687	0.37	1KHZ/0.25V
HSM43-820K	82.0	1.10	0.46	1KHZ/0.25V
HSM43-101K	100.0	0.996	0.5	1KHZ/0.25V
HSM43-121K	120.0	1.12	0.55	1KHZ/0.25V
HSM43-151K	150.0	1.20	0.45	1KHZ/0.25V
HSM43-181K	180.0	1.55	0.40	1KHZ/0.25V
HSM43-221K	220.0	3.10	0.40	1KHZ/0.25V
HSM43-271K	270.0	3.52	0.35	1KHZ/0.25V
HSM43-331K	330.0	5.72	0.25	1KHZ/0.25V
HSM43-471K	470.0	6.85	0.20	1KHZ/0.25V
HSM43-222K	2200	15.8	0.15	1KHZ/0.25V
HSM43-302K	3000	28.35	0.10	1KHZ/0.25V

# HSM52A TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM52A-1R0M	1.0	0.05	3.6	1KHZ/0.25V
HSM52A-2R2M	2.2	0.07	3.5	1KHZ/0.25V
HSM52A-3R3M	3.3	0.10	2.7	1KHZ/0.25V
HSM52A-3R9M	3.9	0.12	2.4	1KHZ/0.25V
HSM52A-4R7M	4.7	0.14	2.0	1KHZ/0.25V
HSM52A-5R6M	5.6	0.15	1.8	1KHZ/0.25V
HSM52A-8R2M	8.2	0.17	1.4	1KHZ/0.25V
HSM52A-100M	10	0.2	1.3	1KHZ/0.25V
HSM52A-120M	12	0.23	1.10	1KHZ/0.25V
HSM52A-150M	15	0.25	1.05	1KHZ/0.25V
HSM52A-180M	18	0.3	1.0	1KHZ/0.25V
HSM52A-220M	22	0.35	0.9	1KHZ/0.25V
HSM52A-270M	27	0.4	0.85	1KHZ/0.25V
HSM52A-330M	33	0.50	0.75	1KHZ/0.25V
HSM52A-390M	39	0.55	0.70	1KHZ/0.25V
HSM52A-470M	47	0.65	0.60	1KHZ/0.25V
HSM52A-560M	56	0.75	0.55	1KHZ/0.25V
HSM52A-680M	68	0.95	0.50	1KHZ/0.25V
HSM52A-820M	82	1.20	0.45	1KHZ/0.25V
HSM52A-101M	100	1.40	0.4	1KHZ/0.25V
HSM52A-121K	120	1.75	0.35	1KHZ/0.25V
HSM52A-151K	150	2.00	0.25	1KHZ/0.25V
HSM52A-181K	180	2.60	0.22	1KHZ/0.25V
HSM52A-221K	220	3.00	0.20	1KHZ/0.25V
HSM52A-271K	270	3.70	0.18	1KHZ/0.25V

# HSM52B TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM52B-1R2M	1.2	0.018	4.2	1KHZ/0.25V
HSM52B-1R5M	1.5	0.022	4.0	1KHZ/0.25V
HSM52B-1R8M	1.8	0.026	3.7	1KHZ/0.25V
HSM52B-2R2M	2.2	0.03	3.5	1KHZ/0.25V
HSM52B-2R7M	2.7	0.035	3.2	1KHZ/0.25V
HSM52B-3R3M	3.3	0.042	2.7	1KHZ/0.25V
HSM52B-3R9M	3.9	0.045	2.4	1KHZ/0.25V
HSM52B-4R7M	4.7	0.07	2	1KHZ/0.25V
HSM52B-5R6M	5.6	0.076	1.8	1KHZ/0.25V
HSM52B-6R8M	6.8	0.085	1.5	1KHZ/0.25V
HSM52B-100M	10	0.123	1.3	1KHZ/0.25V
HSM52B-120M	12	0.152	1.1	1KHZ/0.25V
HSM52B-150M	15	0.214	1.05	1KHZ/0.25V
HSM52B-180M	18	0.239	1.0	1KHZ/0.25V
HSM52B-220K	22	0.265	0.90	1KHZ/0.25V
HSM52B-270K	27	0.310	0.85	1KHZ/0.25V
HSM52B-330K	33	0.37	0.75	1KHZ/0.25V
HSM52B-390K	39	0.49	0.70	1KHZ/0.25V
HSM52B-470K	47	0.550	0.60	1KHZ/0.25V
HSM52B-560K	56	0.64	0.55	1KHZ/0.25V
HSM52B-680K	68	0.720	0.50	1KHZ/0.25V
HSM52B-820K	82	0.820	0.45	1KHZ/0.25V
HSM52B-101K	100	1.20	0.40	1KHZ/0.25V
HSM52B-121K	120	1.390	0.35	1KHZ/0.25V
HSM52B-151K	150	1.740	0.25	1KHZ/0.25V
HSM52B-181K	180	2.17	0.22	1KHZ/0.25V
HSM52B-221K	220	2.50	0.20	1KHZ/0.25V
HSM52B-271K	270	3.170	0.18	1KHZ/0.25V
HSM52B-331K	330	3.680	0.17	1KHZ/0.25V
HSM52B-391K	390	4.740	0.16	1KHZ/0.25V
HSM52B-471K	470	5.400	0.15	1KHZ/0.25V
HSM52B-122K	1200	18.25	0.10	1KHZ/0.25V

# HSM53 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM53-1R0M	1.0	0.015	4.5	1KHZ/0.25V
HSM53-1R2M	1.2	0.016	4.2	1KHZ/0.25V
HSM53-1R5M	1.5	0.019	4.1	1KHZ/0.25V
HSM53-1R8M	1.8	0.024	3.7	1KHZ/0.25V
HSM53-2R2M	2.2	0.027	3.5	1KHZ/0.25V
HSM53-3R3M	3.3	0.035	2.8	1KHZ/0.25V
HSM53-3R9M	3.9	0.04	2.6	1KHZ/0.25V
HSM53-4R7M	4.7	0.051	2.5	1KHZ/0.25V
HSM53-5R6M	5.6	0.061	2.4	1KHZ/0.25V
HSM53-6R8M	6.8	0.067	2.2	1KHZ/0.25V
HSM53-8R2M	8.2	0.076	2.0	1KHZ/0.25V
HSM53-100M	10	0.115	1.8	1KHZ/0.25V
HSM53-120M	12	0.131	1.75	1KHZ/0.25V
HSM53-150M	15	0.168	1.60	1KHZ/0.25V
HSM53-180M	18	0.168	1.60	1KHZ/0.25V
HSM53-220K	22	0.196	1.50	1KHZ/0.25V
HSM53-270M	27	0.269	1.40	1KHZ/0.25V
HSM53-330M	33	0.29	1.10	1KHZ/0.25V
HSM53-390M	39	0.333	1.00	1KHZ/0.25V
HSM53-470M	47	0.438	0.90	1KHZ/0.25V
HSM53-560M	56	0.496	0.85	1KHZ/0.25V
HSM53-680M	68	0.591	0.80	1KHZ/0.25V
HSM53-820M	82	0.664	0.65	1KHZ/0.25V
HSM53-101K	100	0.886	0.60	1KHZ/0.25V
HSM53-121K	120	1.01	0.58	1KHZ/0.25V
HSM53-151K	150	1.20	0.43	1KHZ/0.25V
HSM53-171K	170	1.35	0.41	1KHZ/0.25V
HSM53-181K	180	1.42	0.41	1KHZ/0.25V
HSM53-221K	220	1.64	0.38	1KHZ/0.25V
HSM53-271K	270	2.50	0.35	1KHZ/0.25V
HSM53-331K	330	2.84	0.28	1KHZ/0.25V
HSM53-391K	390	3.7	0.26	1KHZ/0.25V
HSM53-471K	470	4.25	0.20	1KHZ/0.25V
HSM53-682K	680	52.3	0.10	1KHZ/0.25V

# HSM54 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) ( $\Omega$ ) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSM54-1R0M	1.0	0.018	3.8	1KHZ/0.25V
HSM54-2R2M	2.2	0.03	2.8	1KHZ/0.25V
HSM54-3R3M	3.3	0.04	2.5	1KHZ/0.25V
HSM54-4R7M	4.7	0.06	2.6	1KHZ/0.25V
HSM54-5R6M	5.6	0.07	2.4	1KHZ/0.25V
HSM54-100M	10	0.06	1.44	1KHZ/0.25V
HSM54-180M	18	0.09	1.23	1KHZ/0.25V
HSM54-220M	22	0.120	1.11	1KHZ/0.25V
HSM54-270M	27	0.120	0.97	1KHZ/0.25V
HSM54-330K	33	0.140	0.88	1KHZ/0.25V
HSM54-390K	39	0.200	0.80	1KHZ/0.25V
HSM54-470K	47	0.230	0.72	1KHZ/0.25V
HSM54-510K	51	0.240	0.68	1KHZ/0.25V
HSM54-560K	56	0.250	0.68	1KHZ/0.25V
HSM54-680K	68	0.290	0.61	1KHZ/0.25V
HSM54-820K	82	0.400	0.58	1KHZ/0.25V
HSM54-101K	100	0.39	0.52	1KHZ/0.25V
HSM54-121K	120	0.480	0.480	1KHZ/0.25V
HSM54-151K	150	0.520	0.40	1KHZ/0.25V
HSM54-181K	180	0.760	0.38	1KHZ/0.25V
HSM54-221K	220	0.920	0.35	1KHZ/0.25V
HSM54-331K	330	2.37	0.30	1KHZ/0.25V
HSM54-471K	470	2.50	0.27	1KHZ/0.25V
HSM54-511K	510	3.75	0.20	1KHZ/0.25V
HSM54-102K	1000	7.05	0.20	1KHZ/0.25V
HSM54-821K	820	5.24	0.25	1KHZ/0.25V

# HSM73 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(μh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM73-100M	10	0.055	1.44	1KHZ/0.25V
HSM73-120M	12	0.061	1.39	1KHZ/0.25V
HSM73-150M	15	0.070	1.24	1KHZ/0.25V
HSM73-180M	18	0.082	1.12	1KHZ/0.25V
HSM73-220M	22	0.098	1.07	1KHZ/0.25V
HSM73-270M	27	0.119	0.94	1KHZ/0.25V
HSM73-330M	33	0.141	0.85	1KHZ/0.25V
HSM73-390M	39	0.167	0.74	1KHZ/0.25V
HSM73-470M	47	0.197	0.68	1KHZ/0.25V
HSM73-560K	56	0.223	0.64	1KHZ/0.25V
HSM73-680K	68	0.285	0.59	1KHZ/0.25V
HSM73-820K	82	0.317	0.54	1KHZ/0.25V
HSM73-101K	100	0.380	0.51	1KHZ/0.25V
HSM73-121K	120	0.433	0.49	1KHZ/0.25V
HSM73-151K	150	0.569	0.40	1KHZ/0.25V
HSM73-181K	180	0.767	0.36	1KHZ/0.25V
HSM73-221K	220	0.846	0.31	1KHZ/0.25V
HSM73-271K	270	1.000	0.29	1KHZ/0.25V
HSM73-331K	330	1.240	0.28	1KHZ/0.25V
HSM73-471K	470	1.50	0.20	1KHZ/0.25V
HSM73-102K	1000	8.30	0.10	1KHZ/0.25V
HSM73-4R7M	4.7	8	4.5	1KHZ/0.25V

# HSM75 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM75-100M	10	0.030	2.30	1KHZ/0.25V
HSM75-120M	12	0.040	2.00	1KHZ/0.25V
HSM75-150M	15	0.050	1.80	1KHZ/0.25V
HSM75-180M	18	0.060	1.60	1KHZ/0.25V
HSM75-220M	22	0.070	1.50	1KHZ/0.25V
HSM75-270M	27	0.080	1.30	1KHZ/0.25V
HSM75-330M	33	0.100	1.20	1KHZ/0.25V
HSM75-390M	39	0.110	1.10	1KHZ/0.25V
HSM75-470M	47	0.135	1.10	1KHZ/0.25V
HSM75-560M	56	0.160	0.94	1KHZ/0.25V
HSM75-680M	68	0.210	0.85	1KHZ/0.25V
HSM75-820M	82	0.230	0.78	1KHZ/0.25V
HSM75-101K	100	0.270	0.72	1KHZ/0.25V
HSM75-121K	120	0.35	0.66	1KHZ/0.25V
HSM75-151K	150	0.380	0.58	1KHZ/0.25V
HSM75-181K	180	0.520	0.51	1KHZ/0.25V
HSM75-221K	220	0.616	0.49	1KHZ/0.25V
HSM75-271K	270	0.670	0.42	1KHZ/0.25V
HSM75-331K	330	0.900	0.40	1KHZ/0.25V
HSM75-391K	390	1.160	0.36	1KHZ/0.25V
HSM75-471K	470	1.370	0.34	1KHZ/0.25V
HSM75-1R0M	1.0	0.033	0.5	1KHZ/0.25V
HSM75-4R7M	4.7	0.039	0.6	1KHZ/0.25V
HSM75-201K	200	0.628	0.7	1KHZ/0.25V
HSM75-261K	260	826.9	0.7	1KHZ/0.25V
HSM75-102K	1000	2.854	0.25	1KHZ/0.25V
HSM75-122K	1200	4.31	0.3	1KHZ/0.25V
HSM75-152K	1500	6.54	0.25	1KHZ/0.25V
HSM75-202K	2000	13.52	0.20	1KHZ/0.25V
HSM75-602K	6000	17.45	0.10	1KHZ/0.25V
HSM75-113K	11000	30.85	0.10	1KHZ/0.25V
HSM75-3R0M	3.0	0.015	5.0	1KHZ/0.25V
HSM75-6R2M	6.2	0.050	4.5	1KHZ/0.25V

# HSM104 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM104-100M	10	0.033	2.38	1KHZ/0.25V
HSM104-120M	12	0.043	2.13	1KHZ/0.25V
HSM104-150M	15	0.049	1.87	1KHZ/0.25V
HSM104-180M	18	0.057	1.73	1KHZ/0.25V
HSM104-220M	22	0.070	1.60	1KHZ/0.25V
HSM104-270M	27	0.086	1.44	1KHZ/0.25V
HSM104-330M	33	0.099	1.26	1KHZ/0.25V
HSM104-390M	39	0.111	1.20	1KHZ/0.25V
HSM104-470M	47	0.140	1.10	1KHZ/0.25V
HSM104-560K	56	0.165	1.01	1KHZ/0.25V
HSM104-680K	68	0.193	0.91	1KHZ/0.25V
HSM104-820K	82	0.227	0.85	1KHZ/0.25V
HSM104-101K	100	0.266	0.74	1KHZ/0.25V
HSM104-121K	120	0.317	0.69	1KHZ/0.25V
HSM104-151K	150	0.417	0.61	1KHZ/0.25V
HSM104-181K	180	0.496	0.56	1KHZ/0.25V
HSM104-221K	220	0.606	0.53	1KHZ/0.25V
HSM104-271K	270	0.704	0.45	1KHZ/0.25V
HSM104-331K	330	0.891	0.42	1KHZ/0.25V
HSM104-391K	390	1.026	0.38	1KHZ/0.25V
HSM104-471K	470	1.186	0.35	1KHZ/0.25V
HSM104-561K	560	1.467	0.32	1KHZ/0.25V
HSM104-821K	820	1.52	0.25	1KHZ/0.25V
HSM104-333K	33000	4.53	0.15	1KHZ/0.25V



# HSM105 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(μh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM105-100M	10	0.03	2.60	1KHZ/0.25V
HSM105-120M	12	0.036	2.45	1KHZ/0.25V
HSM105-150M	15	0.038	2.27	1KHZ/0.25V
HSM105-180M	18	0.049	2.15	1KHZ/0.25V
HSM105-220M	22	0.053	1.95	1KHZ/0.25V
HSM105-270M	27	0.065	1.76	1KHZ/0.25V
HSM105-330M	33	0.075	1.50	1KHZ/0.25V
HSM105-390M	39	0.091	1.37	1KHZ/0.25V
HSM105-470M	47	1.103	1.28	1KHZ/0.25V
HSM105-560M	56	0.124	1.17	1KHZ/0.25V
HSM105-680M	68	0.142	1.11	1KHZ/0.25V
HSM105-820M	82	0.164	1.00	1KHZ/0.25V
HSM105-101M	100	0.214	0.97	1KHZ/0.25V
HSM105-121M	120	0.246	0.89	1KHZ/0.25V
HSM105-151M	150	0.301	0.78	1KHZ/0.25V
HSM105-181M	180	0.333	0.72	1KHZ/0.25V
HSM105-221M	220	0.418	0.66	1KHZ/0.25V
HSM105-271K	270	0.563	0.57	1KHZ/0.25V
HSM105-331K	330	0.646	0.52	1KHZ/0.25V
HSM105-391K	390	0.745	0.48	1KHZ/0.25V
HSM105-471K	470	0.876	0.42	1KHZ/0.25V
HSM105-561K	560	1.108	0.33	1KHZ/0.25V
HSM105-681K	680	1.275	0.28	1KHZ/0.25V
HSM105-821K	820	1.472	0.24	1KHZ/0.25V
HSM105-1R2M	1.2	2.52	7.5	1KHZ/0.25V
HSM105-2R2M	2.2	3.15	5.5	1KHZ/0.25V
HSM105-4R7M	4.7	5.12	3.15	1KHZ/0.25V
HSM105-102K	1000	5.20	2.5	1KHZ/0.25V
HSM105-472K	4700	8.30	2.0	1KHZ/0.25V
HSM105-113K	11000	10.20	1.5	1KHZ/0.25V
HSM105-1R0N	1.0	1.90	4.0	1KHZ/0.25V
HSM105-103K	10000	10.10	2.0	1KHZ/0.25V
HSM105-332K	3300	8.35	2.5	1KHZ/0.25V

# HSM106 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) ( $\Omega$ ) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSM106-100M	10	0.106	4.5	1KHZ/0.25V
HSM106-120M	12	0.113	4.5	1KHZ/0.25V
HSM106-150M	15	0.138	4.5	1KHZ/0.25V
HSM106-180M	18	0.172	4.5	1KHZ/0.25V
HSM106-220M	22	0.175	4.2	1KHZ/0.25V
HSM106-270M	27	0.180	4.2	1KHZ/0.25V
HSM106-330M	33	0.185	4.0	1KHZ/0.25V
HSM106-390M	39	1.196	3.8	1KHZ/0.25V
HSM106-470M	47	0.200	3.8	1KHZ/0.25V
HSM106-560M	56	0.204	3.5	1KHZ/0.25V
HSM106-680M	68	0.205	3.7	1KHZ/0.25V
HSM106-820K	82	0.206	2.6	1KHZ/0.25V
HSM106-101K	100	0.225	3.6	1KHZ/0.25V
HSM106-121K	120	0.246	0.89	1KHZ/0.25V
HSM106-151K	150	0.301	0.78	1KHZ/0.25V
HSM106-181K	180	0.333	0.72	1KHZ/0.25V
HSM106-221K	220	0.418	0.66	1KHZ/0.25V
HSM106-271K	270	0.563	0.57	1KHZ/0.25V
HSM106-331K	330	0.646	0.52	1KHZ/0.25V
HSM106-391K	390	0.745	0.48	1KHZ/0.25V
HSM106-471K	470	0.876	0.42	1KHZ/0.25V
HSM106-561K	560	1.108	0.33	1KHZ/0.25V
HSM106-681K	680	1.275	0.28	1KHZ/0.25V
HSM106-821K	820	1.472	0.22	1KHZ/0.25V

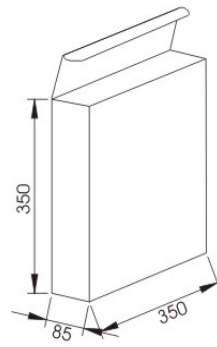
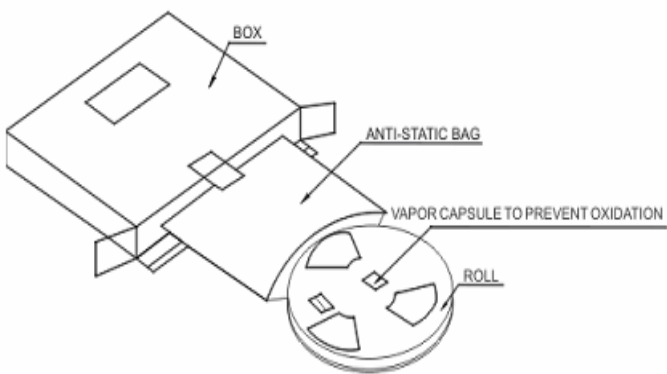
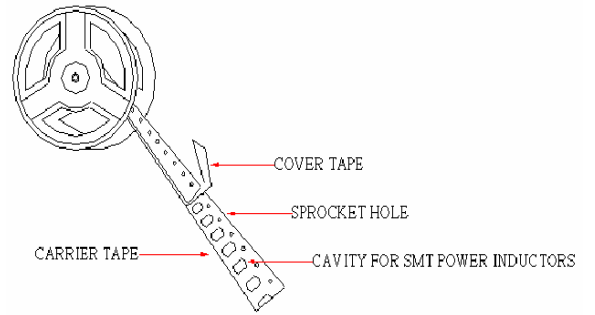
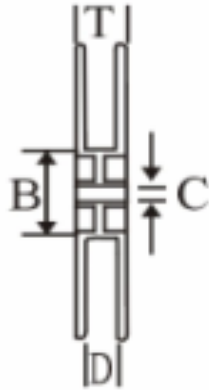
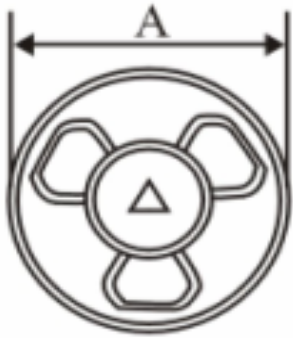
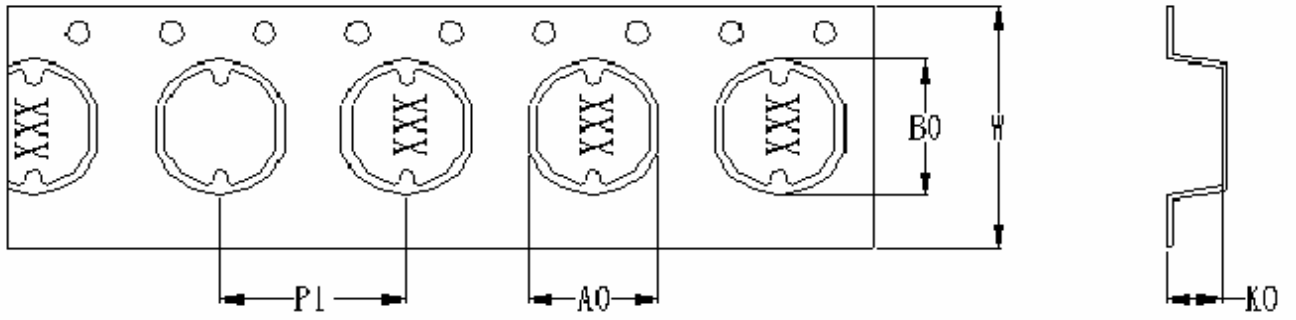
# HSM108 TYPE

## → 电气性能 Electrical Characteristics

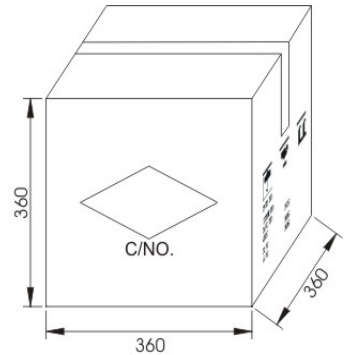
PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM108-100M	10	0.05	7.0	1KHZ/0.25V
HSM108-120M	12	0.05	7.0	1KHZ/0.25V
HSM108-150M	15	0.14	5.2	1KHZ/0.25V
HSM108-180M	18	0.17	5.2	1KHZ/0.25V
HSM108-220M	22	0.175	5.0	1KHZ/0.25V
HSM108-270M	27	0.176	4.5	1KHZ/0.25V
HSM108-330M	33	0.186	4.1	1KHZ/0.25V
HSM108-390M	39	0.190	3.8	1KHZ/0.25V
HSM108-470M	47	0.20	3.5	1KHZ/0.25V
HSM108-560M	56	0.22	3.0	1KHZ/0.25V
HSM108-680M	68	0.23	2.3	1KHZ/0.25V
HSM108-820M	82	0.25	2.0	1KHZ/0.25V
HSM108-101K	100	0.28	1.8	1KHZ/0.25V
HSM108-121K	120	0.30	1.7	1KHZ/0.25V
HSM108-151K	150	0.45	1.5	1KHZ/0.25V
HSM108-181K	180	0.56	1.4	1KHZ/0.25V
HSM108-221K	220	0.58	1.0	1KHZ/0.25V
HSM108-271K	270	0.68	0.9	1KHZ/0.25V
HSM108-331K	330	0.73	0.9	1KHZ/0.25V
HSM108-391K	390	0.85	0.8	1KHZ/0.25V
HSM108-471K	470	0.95	0.6	1KHZ/0.25V
HSM108-561K	560	1.06	0.4	1KHZ/0.25V
HSM108-681K	680	1.15	0.3	1KHZ/0.25V
HSM108-821K	820	1.20	0.2	1KHZ/0.25V

# HSM TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSM31A	338.8±0.5	102.8±0.5	8.4±0.5	11.8±0.5	16.0±0.5	3
HSM31B	340.5±0.5	105.5±0.5	10.2±0.5	11.9±0.5	16.8±0.5	3
HSM32	330.4±0.5	103.6±0.5	13.3±0.5	12.3±0.5	16.5±0.5	3
HAM42	328.5±0.5	106.5±0.5	12.6±0.5	13.0±0.5	16.8±0.5	3
HSM43	325.4±0.5	132.3±0.5	12.6±0.5	12.0±0.5	17.0±0.5	2
HSM52	342.7±0.5	135.5±0.5	12.8±0.5	12.5±0.5	16.5±0.5	3
HSM53	396.5±0.5	142.0±0.5	12.7±0.5	12.5±0.5	15.8±0.5	2
HSM54	394.5±0.5	133.7±0.5	13.7±0.5	12.5±0.5	16.0±0.5	1.5
HSM73	395.6±0.5	173.7±0.5	13.7±0.5	15.2±0.5	20.0±0.5	1
HSM75	347.5±0.5	168.4±0.5	13.8±0.5	15.8±0.5	20.5±0.5	1
HSM104	344.7±0.5	170.9±0.5	13.5±0.5	24.5±0.5	28.0±0.5	1
HSM105	412.0±0.5	103.5±0.5	13.5±0.5	24.0±0.5	27.7±0.5	1
HSM106	416.0±0.5	113.5±0.5	15.5±0.5	24.9±0.5	29.7±0.5	0.5
HSM108	422.0±0.5	106.5±0.5	15.5±0.5	25.60±0.5	31.7±0.5	0.5

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSM31A	7.4±0.5	3.6±0.5	4.0±0.5	12±0.5	1.8±0.5	3
HSM31B	7.4±0.5	3.6±0.5	4.0±0.5	12±0.5	1.8±0.5	3
HSM32	10.2±0.5	4.0±0.5	3.0±0.5	12±0.5	2.4±0.5	3
HAM42	9.4±0.5	4.5±0.5	4.5±0.5	12.3±0.5	2.2±0.5	3
HSM43	8.1±0.5	4.6±0.5	5.0±0.5	12.3±0.5	2.5±0.5	2
HSM52	8.1±0.5	5.3±0.5	5.5±0.5	12.1±0.5	3.3±0.5	3
HSM53	8.5±0.5	5.4±0.5	6.0±0.5	12.3±0.5	3.8±0.5	2
HSM54	7.5±0.5	6.0±0.5	6.4±0.5	12.0±0.5	4.0±0.5	1.5
HSM73	12.5±0.5	8.2±0.5	8.3±0.5	16±0.5	3.5±0.5	1
HSM75	11.7±0.5	12.8±0.5	8.5±0.5	16.0±0.5	5.0±0.5	1
HSM104	12.4±0.5	10.5±0.5	10.6±0.5	23.7±0.5	3.7±0.5	1
HSM105	13.0±0.5	10.8±0.5	10.2±0.5	24.0±0.5	5.5±0.5	1
HSM106	17.5±0.5	9.5±0.5	10.5±0.5	27.5±0.5	7.0±0.5	0.5
HAM108	17.8±0.5	9.6±0.5	10.6±0.5	28.0±0.5	9.2±0.5	0.5

ROHS compliant(SGS Ceetifiend Result)

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

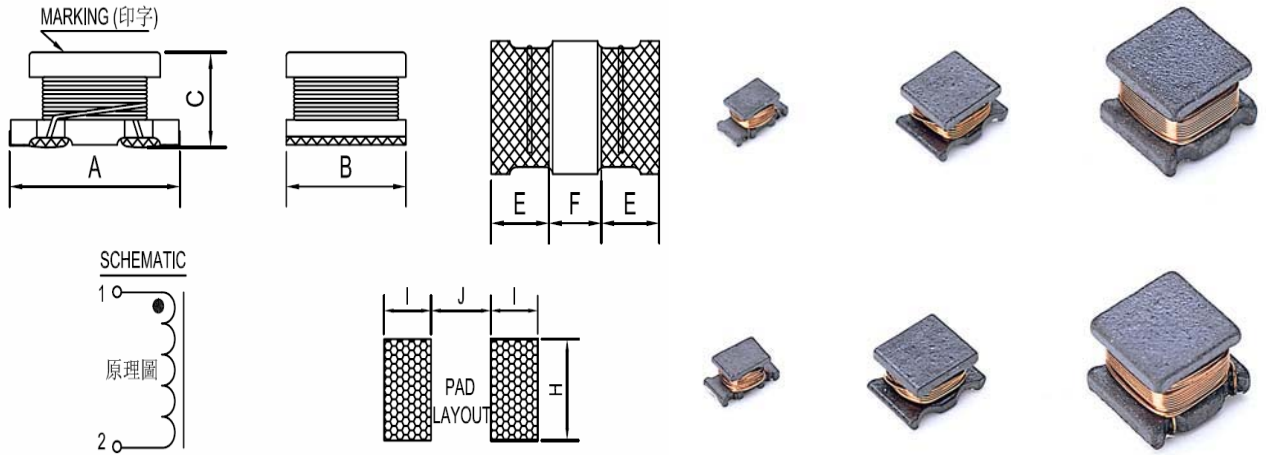
# HSMLFQ TYPE

## PART NUMBERING SYSTEM(品名系列)

HSMLFQ 54 -101 K -T/B



- ①. 产品类型：产品代码。
- ②. 产品尺寸：外围×高度。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30%。
- ⑤. 包装方式：“T”：载带盘装，B：散装



### →EXTERNAL DIMENSIONS UNIT:mm(外形尺寸)

规格	PART NO.						
	品名						
	HSMLFQ321618	HSMLFQ322520	HSMLFQ433226	HSMLFQ575047			
A	3.2±0.5	3.2±0.3	4.5±0.3	5.7±0.3			
B	1.6±0.5	2.5±0.3	3.2±0.3	5.0±0.3			
C	1.8±0.5	2.0±0.3	2.6±0.3	4.7±0.3			
E	0.7±0.5	0.7±0.3	1.0±0.3	1.3±0.3			
F	0.7±0.5	0.7±0.3	1.0±0.3	1.7±0.3			
H	1.5±0.5	2.0±0.3	3.0±0.3	5.0±0.3			
I	1.5±0.5	1.5±0.3	2.0±0.3	2.0±0.3			
J	1.0±0.5	1.0±0.3	1.2±0.3	2.0±0.3			

(特殊品可以根据客户要求另行生产)

### FEATURES(特性)

Various high power inductors are superior to be high saturation for surface mounting.

开磁路设计具有大功率.高饱和电流.. 高 Q 值.低阻抗.小型化之特点。成本低.适合表面贴装。

### APPLICATIONS(用途)

便于携带通讯设备.笔记本型电脑.调制调节器.网络通讯等.....

## HSMLFQ321618 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMLFQ321618-1R0M	1.0	0.637	0.175	1KHZ/0.25V
HSMLFQ321618-1R2M	1.2	1.170	0.165	1KHZ/0.25V
HSMLFQ321618-1R5M	1.5	1.300	0.155	1KHZ/0.25V
HSMLFQ321618-1R8M	1.8	2.080	0.150	1KHZ/0.25V
HSMLFQ321618-2R2M	2.2	0.910	0.140	1KHZ/0.25V
HSMLFQ321618-2R7M	2.7	0.715	0.135	1KHZ/0.25V
HSMLFQ321618-3R3M	3.3	1.820	0.130	1KHZ/0.25V
HSMLFQ321618-3R9M	3.9	1.950	0.125	1KHZ/0.25V
HSMLFQ321618-4R7M	4.7	2.210	0.120	1KHZ/0.25V
HSMLFQ321618-5R6M	5.6	2.340	0.115	1KHZ/0.25V
HSMLFQ321618-8R2M	8.2	2.860	0.105	1KHZ/0.25V
HSMLFQ321618-100K	10	3.25	0.100	1KHZ/0.25V
HSMLFQ321618-120K	12	3.51	0.95	1KHZ/0.25V
HSMLFQ321618-150K	15	3.9	0.90	1KHZ/0.25V
HSMLFQ321618-180K	18	4.42	0.85	1KHZ/0.25V
HSMLFQ321618-220K	22	4.03	0.85	1KHZ/0.25V
HSMLFQ321618-270K	27	4.42	0.85	1KHZ/0.25V
HSMLFQ321618-330K	33	4.94	0.80	1KHZ/0.25V
HSMLFQ321618-390K	39	9.36	0.55	1KHZ/0.25V
HSMLFQ321618-470K	47	10.4	0.55	1KHZ/0.25V
HSMLFQ321618-560K	56	11.57	0.50	1KHZ/0.25V
HSMLFQ321618-680K	68	12.87	0.50	1KHZ/0.25V
HSMLFQ321618-820K	82	14.3	0.45	1KHZ/0.25V
HSMLFQ321618-101K	100	15.6	0.45	1KHZ/0.25V
HSMLFQ321618-121K	120	16.35	0.40	1KHZ/0.25V
HSMLFQ321618-151K	150	18.33	0.35	1KHZ/0.25V
HSMLFQ321618-181K	180	19.85	0.30	1KHZ/0.25V
HSMLFQ321618-221K	220	20.33	0.30	1KHZ/0.25V
HSMLFQ321618-271K	270	22.37	0.25	1KHZ/0.25V
HSMLFQ321618-331K	330	25.33	0.15	1KHZ/0.25V

**HSMLFQ322520 TYPE**

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) ( $\Omega$ ) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSMLFQ322520-1R0M	1.0	0.50	0.445	1KHZ/0.25V
HSMLFQ322520-1R2M	1.2	0.60	0.425	1KHZ/0.25V
HSMLFQ322520-1R5M	1.5	0.60	0.400	1KHZ/0.25V
HSMLFQ322520-1R8M	1.8	0.70	0.390	1KHZ/0.25V
HSMLFQ322520-2R2M	2.2	0.80	0.37	1KHZ/0.25V
HSMLFQ322520-2R7M	2.7	0.90	0.32	1KHZ/0.25V
HSMLFQ322520-3R3M	3.3	1.00	0.300	1KHZ/0.25V
HSMLFQ322520-3R9M	3.9	1.10	0.290	1KHZ/0.25V
HSMLFQ322520-4R7M	4.7	1.20	0.270	1KHZ/0.25V
HSMLFQ322520-5R6M	5.6	1.30	0.250	1KHZ/0.25V
HSMLFQ322520-6R8M	6.8	1.50	0.240	1KHZ/0.25V
HSMLFQ322520-8R2M	8.2	1.60	0.225	1KHZ/0.25V
HSMLFQ322520-100M	10	1.80	0.190	1KHZ/0.25V
HSMLFQ322520-120M	12	2.00	0.180	1KHZ/0.25V
HSMLFQ322520-150M	15	2.20	0.170	1KHZ/0.25V
HSMLFQ322520-180M	18	2.50	0.165	1KHZ/0.25V
HSMLFQ322520-220M	22	2.80	0.150	1KHZ/0.25V
HSMLFQ322520-270M	27	3.1	0.125	1KHZ/0.25V
HSMLFQ322520-330M	33	3.5	0.115	1KHZ/0.25V
HSMLFQ322520-390M	39	3.9	0.110	1KHZ/0.25V
HSMLFQ322520-470M	47	4.3	0.100	1KHZ/0.25V
HSMLFQ322520-560M	56	4.9	0.850	1KHZ/0.25V
HSMLFQ322520-680M	68	5.5	0.800	1KHZ/0.25V
HSMLFQ322520-820K	82	6.2	0.700	1KHZ/0.25V
HSMLFQ322520-101K	100	7.0	0.800	1KHZ/0.25V
HSMLFQ322520-121K	120	8.0	0.750	1KHZ/0.25V
HSMLFQ322520-151K	150	9.3	0.700	1KHZ/0.25V
HSMLFQ322520-181K	180	10.2	0.650	1KHZ/0.25V
HSMLFQ322520-221K	220	11.8	0.650	1KHZ/0.25V
HSMLFQ322520-271K	270	12.5	0.650	1KHZ/0.25V
HSMLFQ322520-331K	330	13.0	0.650	1KHZ/0.25V
HSMLFQ322520-391K	390	22.0	0.500	1KHZ/0.25V
HSMLFQ322520-471K	470	25.0	0.450	1KHZ/0.25V
HSMLFQ322520-561K	560	28.0	0.400	1KHZ/0.25V

**HSMLFQ453226 TYPE**



→电气性能 Electrical Characteristics'

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) ( $\Omega$ ) 直流电阻	IDC(A)(Maxi) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSMLFQ453226-1R0M	1.0	0.20	0.500	1KHZ/0.25V
HSMLFQ453226-1R2M	1.2	0.20	0.500	1KHZ/0.25V
HSMLFQ453226-1R5M	1.5	0.30	0.500	1KHZ/0.25V
HSMLFQ453226-1R8M	1.8	0.30	0.500	1KHZ/0.25V
HSMLFQ453226-2R2M	2.2	0.30	0.500	1KHZ/0.25V
HSMLFQ453226-2R7M	2.7	0.32	0.500	1KHZ/0.25V
HSMLFQ453226-3R3M	3.3	0.35	0.500	1KHZ/0.25V
HSMLFQ453226-3R9M	3.9	0.38	0.500	1KHZ/0.25V
HSMLFQ453226-4R7M	4.7	0.40	0.500	1KHZ/0.25V
HSMLFQ453226-5R6M	5.6	0.47	0.500	1KHZ/0.25V
HSMLFQ453226-6R8M	6.8	0.50	0.450	1KHZ/0.25V
HSMLFQ453226-8R2M	8.2	0.56	0.450	1KHZ/0.25V
HSMLFQ453226-100K	10	0.56	0.400	1KHZ/0.25V
HSMLFQ453226-120K	12	0.62	0.380	1KHZ/0.25V
HSMLFQ453226-150K	15	0.72	0.360	1KHZ/0.25V
HSMLFQ453226-180K	18	0.83	0.340	1KHZ/0.25V
HSMLFQ453226-220M	22	0.94	0.320	1KHZ/0.25V
HSMLFQ453226-270K	27	1.10	0.300	1KHZ/0.25V
HSMLFQ453226-330K	33	1.12	0.270	1KHZ/0.25V
HSMLFQ453226-390K	39	1.40	0.240	1KHZ/0.25V
HSMLFQ453226-470K	47	1.50	0.220	1KHZ/0.25V
HSMLFQ453226-560K	56	1.70	0.200	1KHZ/0.25V
HSMLFQ453226-680K	68	1.90	0.180	1KHZ/0.25V
HSMLFQ453226-820K	82	2.20	0.170	1KHZ/0.25V
HSMLFQ453226-101K	100	2.50	0.160	1KHZ/0.25V
HSMLFQ453226-121K	120	3.00	0.150	1KHZ/0.25V
HSMLFQ453226-151K	150	3.70	0.130	1KHZ/0.25V
HSMLFQ453226-181K	180	4.50	0.120	1KHZ/0.25V
HSMLFQ453226-221K	220	5.40	0.110	1KHZ/0.25V
HSMLFQ453226-271K	270	6.80	0.100	1KHZ/0.25V
HSMLFQ453226-331K	330	8.20	0.095	1KHZ/0.25V
HSMLFQ453226-391K	390	9.70	0.090	1KHZ/0.25V
HSMLFQ453226-471K	470	11.80	0.080	1KHZ/0.25V
HSMLFQ453226-561K	560	14.50	0.070	1KHZ/0.25V
HSMLFQ453226-681K	680	17.00	0.065	1KHZ/0.25V
HSMLFQ453226-821K	820	20.50	0.060	1KHZ/0.25V
HSMLFQ453226-102K	1000	25.00	0.050	1KHZ/0.25V
HSMLFQ453226-122K	1200	30.00	0.045	1KHZ/0.25V
HSMLFQ453226-152K	1500	37.00	0.040	1KHZ/0.25V
HSMLFQ453226-182K	1800	45.00	0.035	1KHZ/0.25V
HSMLFQ453226-222K	2200	50.00	0.030	1KHZ/0.25V
HSMLFQ453226-332K	3300	58.2	0.015	1KHZ/0.25V
HSMLFQ453226-472K	4700	60.2	0.010	1KHZ/0.25V
HSMLFQ453226-682K	6800	65.3	0.002	1KHZ/0.25V

HSMLFQ575047 TYPE

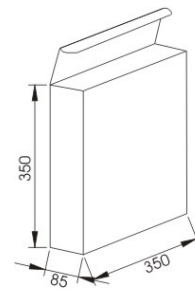
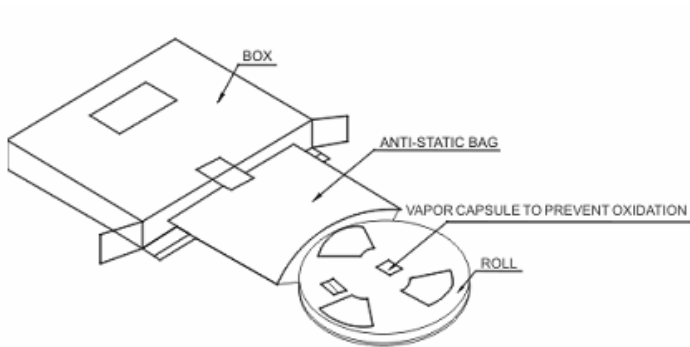
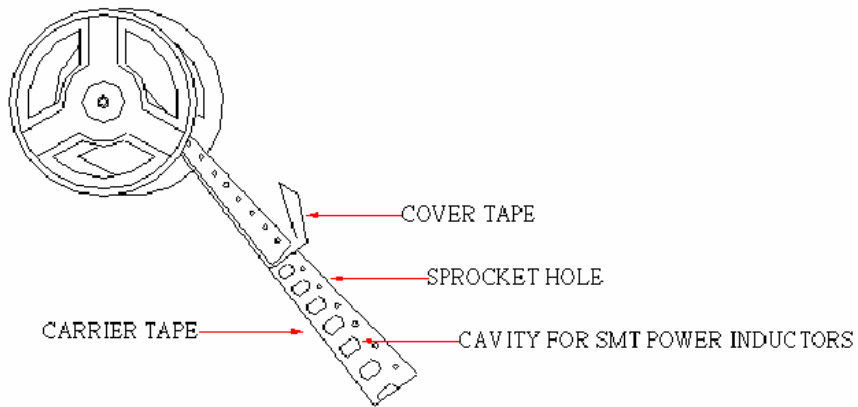
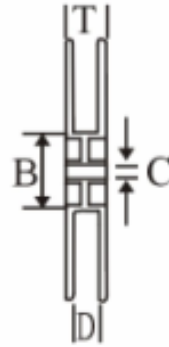
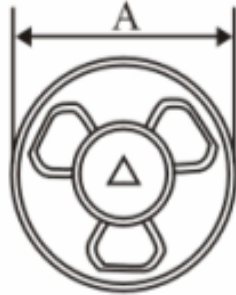
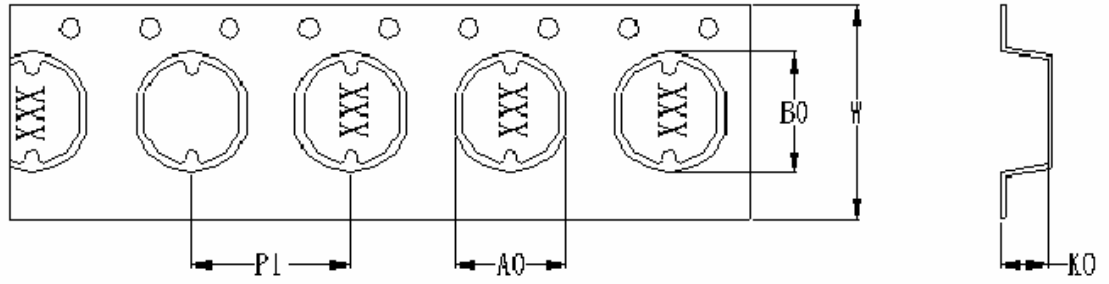
## →电气性能 Electrical Characteristics'

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) ( $\Omega$ ) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSMLFQ575047-1ROM	1.0	0.027	0.500	1KHZ/0.25V
HSMLFQ575047-1R5M	1.5	0.031	0.500	1KHZ/0.25V
HSMLFQ575047-1R8M	1.8	0.035	0.500	1KHZ/0.25V
HSMLFQ575047-2R2M	2.2	0.041	0.500	1KHZ/0.25V
HSMLFQ575047-3R3M	3.3	0.050	0.500	1KHZ/0.25V
HSMLFQ575047-3R9M	3.9	0.055	0.500	1KHZ/0.25V
HSMLFQ575047-4R7M	4.7	0.057	0.500	1KHZ/0.25V
HSMLFQ575047-5R6M	5.6	0.083	0.500	1KHZ/0.25V
HSMLFQ575047-6R8M	6.8	0.104	0.450	1KHZ/0.25V
HSMLFQ575047-8R2M	8.2	0.120	0.450	1KHZ/0.25V
HSMLFQ575047-100K	10	0.130	0.400	1KHZ/0.25V
HSMLFQ575047-120K	12	0.180	0.380	1KHZ/0.25V
HSMLFQ575047-150K	15	0.210	0.360	1KHZ/0.25V
HSMLFQ575047-180K	18	0.245	0.340	1KHZ/0.25V
HSMLFQ575047-220K	22	0.266	0.320	1KHZ/0.25V
HSMLFQ575047-270K	27	0.385	0.300	1KHZ/0.25V
HSMLFQ575047-330K	33	0.448	0.270	1KHZ/0.25V
HSMLFQ575047-390K	39	0.540	0.240	1KHZ/0.25V
HSMLFQ575047-470K	47	0.560	0.220	1KHZ/0.25V
HSMLFQ575047-560K	56	0.785	0.200	1KHZ/0.25V
HSMLFQ575047-680K	68	0.938	0.180	1KHZ/0.25V
HSMLFQ575047-820K	82	1.038	0.170	1KHZ/0.25V
HSMLFQ575047-101K	100	1.204	0.160	1KHZ/0.25V
HSMLFQ575047-121K	120	1.80	0.150	1KHZ/0.25V
HSMLFQ575047-151K	150	2.66	0.130	1KHZ/0.25V
HSMLFQ575047-181K	180	3.10	0.120	1KHZ/0.25V
HSMLFQ575047-221K	220	3.36	0.110	1KHZ/0.25V
HSMLFQ575047-271K	270	4.50	0.100	1KHZ/0.25V
HSMLFQ575047-331K	330	6.16	0.095	1KHZ/0.25V
HSMLFQ575047-391K	390	6.70	0.090	1KHZ/0.25V
HSMLFQ575047-471K	470	7.56	0.080	1KHZ/0.25V
HSMLFQ575047-561K	560	9.12	0.070	1KHZ/0.25V
HSMLFQ575047-681K	580	11.34	0.065	1KHZ/0.25V
HSMLFQ575047-821K	820	12.20	0.060	1KHZ/0.25V
HSMLFQ575047-102K	1000	14.42	0.050	1KHZ/0.25V
HSMLFQ575047-122K	1200	24.6	0.045	1KHZ/0.25V
HSMLFQ575047-152K	1500	30.01	0.040	1KHZ/0.25V
HSMLFQ575047-182K	1800	37.5	0.035	1KHZ/0.25V
HSMLFQ575047-222K	2200	45.0	0.030	1KHZ/0.25V
HSMLFQ575047-472K	4700	61.0	0.025	1KHZ/0.25V
HSMLFQ575047-682K	6800	100	0.025	1KHZ/0.25V
HSMLFQ575047-822K	8200	125	0.020	1KHZ/0.25V
HSMLFQ575047-103K	10000	140	0.015	1KHZ/0.25V

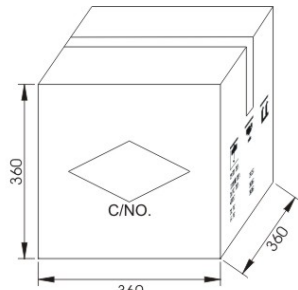
# HSMLFQ

# TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→ REEL DIMENSIONS & PACKING UNIT (卷轴尺寸及包装数量)(MM)

DIMENSIONS OF REEL	

	(卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMLFQ321618	338.5±0.5	102.5±0.5	7.6±0.5	12.0±0.5	17.8±0.5	3
HSMLFQ322520	345.5±0.5	105.5±0.5	10.5±0.5	12.0±0.5	16±0.5	3
HSMLFQ453226	345.0±0.5	104.0±0.5	10.5±0.5	13.0±0.5	16.5±0.5	3

→ **CARRIER TAPE DIMENSIONS(载带尺寸) (MM)**

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMLFQ321618	7.4±0.5	3.6±0.5	4.0±0.5	12±0.5	1.8±0.5	3
HSMLFQ322520	7.4±0.5	3.6±0.5	4.0±0.5	12±0.5	1.8±0.5	3
HSMLFQ453226	10.2±0.5	4.0±0.5	3.0±0.5	12±0.5	2.4±0.5	3
HSMLFQ575047	9.4±0.5	4.5±0.5	4.5±0.5	12.3±0.5	2.2±0.5	2



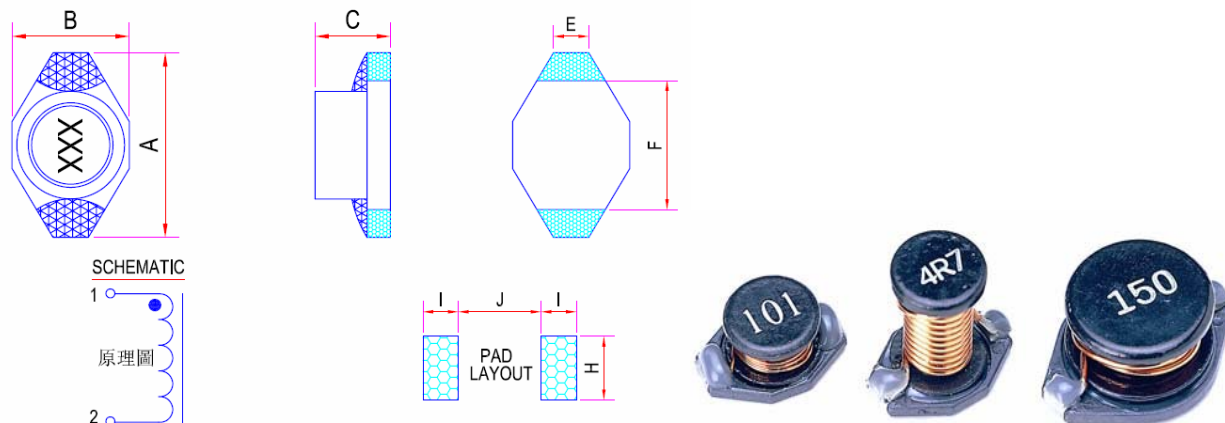
ROHS compliant(SGS Ceetifiend Result) 本产品满足环境保护要求 (有害物资限用)					
Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

**HSM0402F/0802F/0804F/0810F/1206F TYPE**

PART NUMBERING SYSTEM(品名系列)



- ①. 产品类型：产品代码。
- ②. 产品尺寸：外围×高度。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30%。
- ⑤. 包装方式：“T”：载带盘装，B：散装



→EXTERNAL DIMENSIONS UNIT:mm(外形尺寸)

规格	PART NO.					
	品名					
	HSM0402F	HSM0802F	HSM0804F	HSM0810F	HSM1206F	
A(MAX)	6.6	12.95	12.95	12.95	18.54	
B(MAX)	4.45	9.40	9.40	9.40	15.24	
C(MAX)	2.92	3.50	5.21	11.43	7.11	
D	4.32	7.62	7.62	7.62	12.70	
E	1.27	2.54	2.54	2.54	2.54	
F	1.02	2.54	2.54	2.54	2.54	
H	3.56	2.79	2.79	2.79	2.79	
I	1.40	2.92	2.92	2.92	2.92	
J	4.06	7.37	7.37	7.37	12.45	

(特殊品可以根据客户要求另行生产)

特长及应用 Features & Applications

- ①表面贴装大功率电感。
- ②HSM0402 采用瓷质镀金底座. 其他采用 LCP 塑胶底座.
- ③开磁路构造设计. 具有大功率. 低电流电阻. 耐高电流等特点.
- ④应用笔记本电脑. 掌上电脑. 开辟转换器. 快闪记忆体编程器等.

HSM0402F TYPE

→电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM0402F-1R0M	1.0	0.05	2.9	1KHZ/0.25V
HSM0402F-1R5M	1.5	0.05	2.6	1KHZ/0.25V
HSM0402F-2R2M	2.2	0.07	2.3	1KHZ/0.25V
HSM0402F-3R3M	3.3	0.08	2.0	1KHZ/0.25V
HSM0402F-4R7M	4.7	0.09	1.5	1KHZ/0.25V
HSM0402F-6R8M	6.8	0.13	1.4	1KHZ/0.25V
HSM0402F-100M	10	0.16	1.1	1KHZ/0.25V
HSM0402F-150M	15	0.23	1.2	1KHZ/0.25V
HSM0402F-220K	22	0.37	0.8	1KHZ/0.25V
HSM0402F-330K	33	0.51	0.6	1KHZ/0.25V
HSM0402F-470K	47	0.64	0.5	1KHZ/0.25V
HSM0402F-680K	68	0.86	0.40	1KHZ/0.25V
HSM0402F-101K	100	1.27	0.31	1KHZ/0.25V
HSM0402F-151K	150	2.00	0.27	1KHZ/0.25V
HSM0402F-221K	220	3.11	0.22	1KHZ/0.25V
HSM0402F-331K	330	3.8	0.18	1KHZ/0.25V
HSM0402F-471K	470	6.2	0.16	1KHZ/0.25V
HSM0402F-681K	680	9.2	0.14	1KHZ/0.25V
HSM0402F-102K	1000	13.8	0.10	1KHZ/0.25V

● Characterisitics(特性说明)

1. Rater DC Current(额定电流): 基于电感量最大下降幅度为 30%
2. I rms (温升电流): 温升不超过 40℃
3. 3. Operating temperature(操作温度): -40℃to85℃

## HSM0802F TYPE

→电气性能 Electrical Characterisitics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM0802F-1R0M	1.0	0.04	5.0	1KHZ/0.25V
HSM0802F-1R5M	1.5	0.055	4.5	1KHZ/0.25V
HSM0802F-2R2M	2.2	0.06	4.4	1KHZ/0.25V
HSM0802F-3R3M	3.3	0.07	4.0	1KHZ/0.25V
HSM0802F-4R7M	4.7	0.08	3.5	1KHZ/0.25V
HSM0802F-5R6M	5.6	0.10	3.2	1KHZ/0.25V
HSM0802F-6R8M	6.8	0.10	2.5	1KHZ/0.25V
HSM0802F-100M	10	0.11	2.4	1KHZ/0.25V
HSM0802F-150M	15	0.15	2.0	1KHZ/0.25V
HSM0802F-220M	22	0.23	1.6	1KHZ/0.25V
HSM0802F-330M	33	0.30	1.4	1KHZ/0.25V
HSM0802F-470M	47	0.39	1.0	1KHZ/0.25V
HSM0802F-680M	68	0.66	0.9	1KHZ/0.25V
HSM0802F-101M	100	0.84	0.7	1KHZ/0.25V
HSM0802F-151M	150	1.2	0.6	1KHZ/0.25V
HSM0802F-221M	220	1.9	0.5	1KHZ/0.25V
HSM0802F-331M	330	2.7	0.4	1KHZ/0.25V
HSM0802F-471M	470	4.0	0.3	1KHZ/0.25V
HSM0802F-681M	680	5.3	0.2	1KHZ/0.25V
HSM0802F-102M	1000	8.4	0.1	1KHZ/0.25V

## ● Characterisitics(特性说明)

1. Rater DC Current(额定电流): 基于电感量最大下降为 10%

I rms (温升电流): 温升不超过 40℃

2. Operating temperature(操作温度): -40℃to85℃

# HSM0804F

# TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM0804F-1R0M	1.0	0.009	9.0	1KHZ/0.25V
HSM0804F-1R5M	1.5	0.010	8.0	1KHZ/0.25V
HSM0804F-2R2M	2.2	2.4	7.0	1KHZ/0.25V
HSM0804F-3R3M	3.3	0.015	6.4	1KHZ/0.25V
HSM0804F-4R7M	4.7	0.018	5.4	1KHZ/0.25V
HSM0804F-5R6M	5.6	0.020	5.0	1KHZ/0.25V
HSM0804F-6R8M	6.8	0.027	4.6	1KHZ/0.25V
HSM0804F-100M	10	0.038	3.9	1KHZ/0.25V
HSM0804F-150M	15	0.046	3.1	1KHZ/0.25V
HSM0804F-220M	22	0.085	2.7	1KHZ/0.25V
HSM0804F-330M	33	0.10	2.1	1KHZ/0.25V
HSM0804F-470M	47	0.14	1.8	1KHZ/0.25V
HSM0804F-680M	68	0.20	1.5	1KHZ/0.25V
HSM0804F-101M	100	0.28	1.3	1KHZ/0.25V
HSM0804F-151M	150	0.40	1.0	1KHZ/0.25V
HSM0804F-221M	220	0.61	0.8	1KHZ/0.25V
HSM0804F-331M	330	1.02	0.60	1KHZ/0.25V
HSM0804F-471M	470	1.27	0.50	1KHZ/0.25V
HSM0804F-681M	680	2.02	0.40	1KHZ/0.25V
HSM0804F-102M	1000	3.00	0.30	1KHZ/0.25V

Characterisitcs(特性说明)

4. Rater DC Current(额定电流): 基于电感量最大下降幅度为 30%

I rms (温升电流): 温升不超过 40℃

2. Operating temperature(操作温度): -40℃to85℃

# HSM0810F TYPE



## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) ( $\Omega$ ) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSM0810F-1R0M	1.0	0.010	10.0	1KHZ/0.25V
HSM0810F-1R5M	1.5	0.015	10.0	1KHZ/0.25V
HSM0810F-2R2M	2.2	0.020	9.5	1KHZ/0.25V
HSM0810F-3R3M	3.3	0.025	9.0	1KHZ/0.25V
HSM0810F-4R7M	4.7	0.025	9.0	1KHZ/0.25V
HSM0810F-5R6M	5.6	0.03	8.5	1KHZ/0.25V
HSM0810F-6R8M	6.8	0.03	7.5	1KHZ/0.25V
HSM0810F-100M	10	0.040	7.0	1KHZ/0.25V
HSM0810F-150M	15	0.050	6.2	1KHZ/0.25V
HSM0810F-220M	22	0.066	5.5	1KHZ/0.25V
HSM0810F-330M	33	0.08	4.0	1KHZ/0.25V
HSM0810F-470M	47	0.11	3.8	1KHZ/0.25V
HSM0810F-680M	68	0.14	3.0	1KHZ/0.25V
HSM0810F-101M	100	0.22	2.5	1KHZ/0.25V
HSM0810F-151M	150	0.34	2.0	1KHZ/0.25V
HSM0810F-221M	220	0.40	1.6	1KHZ/0.25V
HSM0810F-331M	330	0.70	1.2	1KHZ/0.25V
HSM0810F-471M	470	0.95	1.0	1KHZ/0.25V
HSM0810F-681M	680	1.20	1.0	1KHZ/0.25V
HSM0810F-102M	1000	2.00	0.8	1KHZ/0.25V

### ● Characteristics(特性说明)

1. Rated DC Current(额定电流): 基于电感量最大下降幅度为 10%

$I_{rms}$  (温升电流): 温升不超过 40℃

2. Operating temperature(操作温度): -40℃ to 85℃

# HSM1206F TYPEEE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) ( $\Omega$ ) 直流电阻	IDC(A)(MaX) 最大耐电流 $\Delta L=10\%$	TEST FREQ 测试频率
HSM1206F-1R0M	1.0	0.009	8.6	1KHZ/0.25V
HSM1206F-1R5M	1.5	0.095	7.5	1KHZ/0.25V
HSM1206F-2R2M	2.2	0.014	7.1	1KHZ/0.25V
HSM1206F-3R3M	3.3	0.018	6.2	1KHZ/0.25V
HSM1206F-4R7M	4.7	0.020	6.0	1KHZ/0.25V
HSM1206F-5R6M	5.6	0.020	5.3	1KHZ/0.25V
HSM1206F-6R8M	6.8	0.027	5.0	1KHZ/0.25V
HSM1206F-100M	10	0.031	10	1KHZ/0.25V
HSM1206F-150M	15	0.036	8.0	1KHZ/0.25V
HSM1206F-220M	22	0.047	7	1KHZ/0.25V
HSM1206F-330M	33	0.066	5.5	1KHZ/0.25V
HSM1206F-470M	47	0.086	4.5	1KHZ/0.25V
HSM1206F-680M	68	0.13	3.5	1KHZ/0.25V
HSM1206F-101K	100	0.19	3.0	1KHZ/0.25V
HSM1206F-151K	150	0.25	2.6	1KHZ/0.25V
HSM1206F-221K	220	0.38	2.4	1KHZ/0.25V
HSM1206F-331K	330	0.56	1.9	1KHZ/0.25V
HSM1206F-471K	470	0.85	1.4	1KHZ/0.25V
HSM1206F-681K	680	1.10	1.2	1KHZ/0.25V
HSM1206F-102K	1000	1.80	1.0	1KHZ/0.25V

### ● Characterisitics(特性说明)

1.Rater DC Current(额定电流): 基于电感量最大下降幅度为 30%

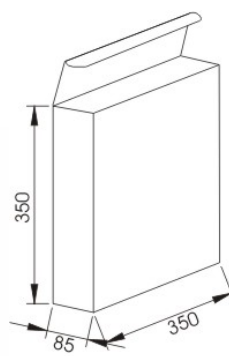
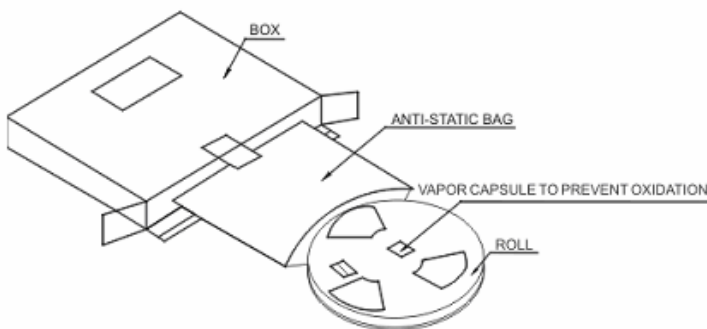
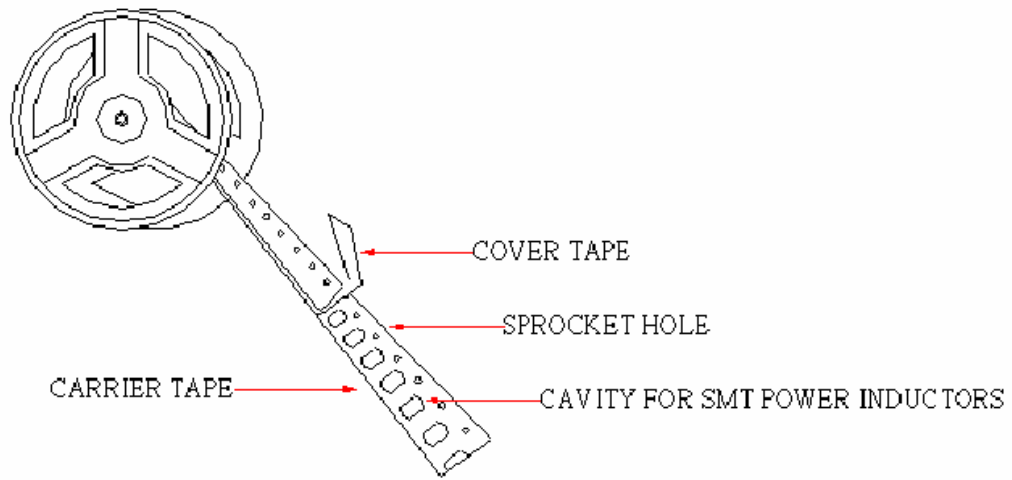
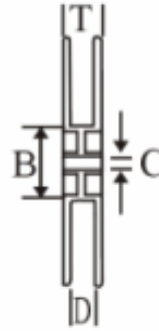
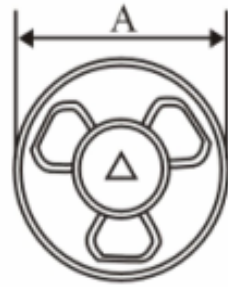
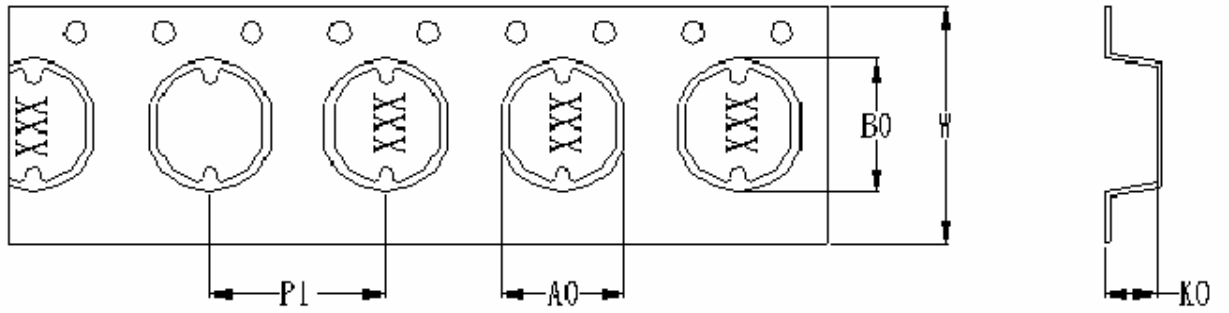
I rms (温升电流): 温升不超过 40℃

2. Operating temperature(操作温度): -40℃to85℃

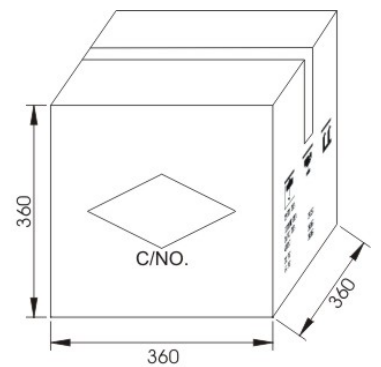
**HSM0402F/0802F/0804F/0810F/1206F**

**TYPE**

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSM0402F	338.5±0.5	105.3±0.5	7.5±0.5	8.3±0.5	12.5±0.5	2
HSM0802F	338.6±0.5	103.5±0.5	8.2±0.5	9.3±0.5	13.8±0.5	2
HSM0804F	331.6±0.5	107.5±0.5	139.5±0.5	23.5±0.5	4.8±0.5	1
HAM0810F	331.6±0.5	107.0±0.5	140.0±0.5	10.0±0.5	16.0±0.5	0.28
HSM1206F	331.6±0.5	107.6±0.5	140.0±0.5	10.0±0.5	16.0±0.5	0.5

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSM0402F	6.30±0.5	5.35±0.5	7.20±0.5	11.30±0.5	1.8±0.5	2
HSM0802F	17.35±0.5	10.30±0.5	13.20±0.5	21.50±0.5	3.20±0.5	2
HSM0804F	13.0±0.5	10.0±0.5	13.6±0.5	24.0±0.5	5.0±0.5	1
HAM0810F	20.1±0.5	13.0±0.5	15.7±0.5	24.0±0.5	12.0±0.5	0.28
HSM1206F	20.0±0.5	15.8±0.5	19.8±0.5	32.0±0.5	6.5±0.5	0.5



**ROHS compliant(SGS Ceetifiend Result)**

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

## PART NUMBERING SYSTEM(品名系列)

HSM    0504    HC    330    M    -T/B

①

②

③

④

⑤

⑥

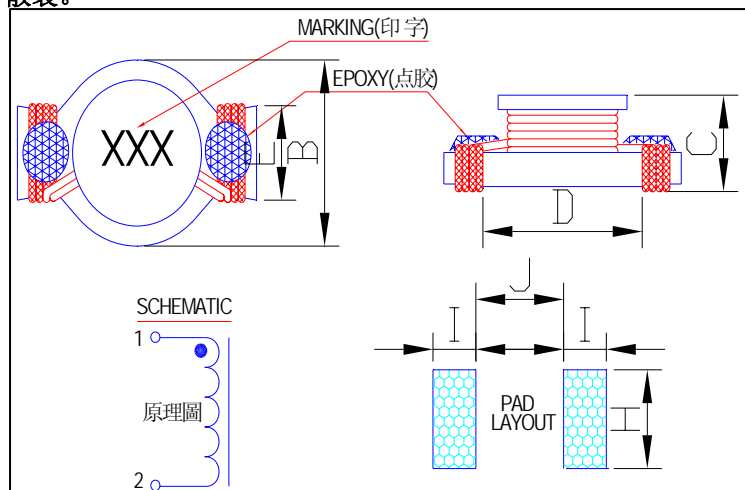
①. 产品类型：产品代码。

②. 产品尺寸：外围×高度。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30%。

⑤. 包装方式：“T”：载带盘装，B：散装。



## → EXTERNAL DIMENSIONS UNIT:mm(外形尺寸)

规格	PART NO.						
	品名						
	HSM0504HC	HSM0904HC	HSM1105HC	HSM1306HC			
A(MAX)	9.0	13.2	19.4	22.2			
B(MAX)	6.1	9.9	13.3	15.0			
C(MAX)	5.0	6.0	6.8	7.8			
D	5.8	9.5	12.7	14.6			
E	3.0	4.5	6.6	7.7			
H	5.0	6.5	8.0	10.0			
I	2.0	2.3	3.8	4.3			
J	5.0	9.0	11.7	13.5			

(特殊品可以根据客户要求另行生产)

## 特长及应用 Features & Applications

①. 表面贴装高功率电感。

②. 开磁路设计.具有小型化.高品质.高能量储存.低电阻大电流高饱和电感。

③. 应用在笔记本电脑.手持通讯设备.录放影机电源供应器以及直流转换器等。

# HSM0504HC TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM0504HC-R47N	0.47	10.0	6.0	1KHZ/0.25V
HSM0504HC-1R0M	1.0	18.0	4.4	1KHZ/0.25V
HSM0504HC-1R5M	1.5	20.0	4.2	1KHZ/0.25V
HSM0504HC-2R2M	2.2	37.0	3.1	1KHZ/0.25V
HSM0504HC-3R3M	3.3	43.0	2.9	1KHZ/0.25V
HSM0504HC-4R7M	4.7	55.0	2.2	1KHZ/0.25V
HSM0504HC-6R8M	6.8	90.0	1.7	1KHZ/0.25V
HSM0504HC-100M	10	111.0	1.5	1KHZ/0.25V
HSM0504HC-150M	15	175	1.2	1KHZ/0.25V
HSM0504HC-220M	22	255.0	1.0	1KHZ/0.25V
HSM0504HC-330M	33	367.0	0.82	1KHZ/0.25V
HSM0504HC-470M	47	474.0	0.72	1KHZ/0.25V
HSM0504HC-680M	68	750.0	0.58	1KHZ/0.25V
HSM0504HC-101K	100	1110.0	0.47	1KHZ/0.25V

# HSM0904HC TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM0904HC-R47N	0.47	5.0	1.06	1KHZ/0.25V
HSM0904HC-1R0M	1.0	7.0	9.3	1KHZ/0.25V
HSM0904HC-1R5M	1.5	9.0	8.3	1KHZ/0.25V
HSM0904HC-2R2M	2.2	11.0	7.2	1KHZ/0.25V
HSM0904HC-3R3M	3.3	12.0	6.5	1KHZ/0.25V
HSM0904HC-4R7M	4.7	17.0	5.5	1KHZ/0.25V
HSM0904HC-6R8M	6.8	21.0	5.0	1KHZ/0.25V
HSM0904HC-100M	10	28.0	4.3	1KHZ/0.25V
HSM0904HC-150M	15	28.0	4.3	1KHZ/0.25V
HSM0904HC-220M	22	41.0	3.5	1KHZ/0.25V
HSM0904HC-330M	33	92.0	2.1	1KHZ/0.25V
HSM0904HC-470M	47	139.0	1.7	1KHZ/0.25V
HSM0904HC-680M	68	179.0	1.5	1KHZ/0.25V
HSM0904HC-101K	100	271.0	1.2	1KHZ/0.25V

# HSM1105HC TYPE

## →电气性能 Electrical Characteristics

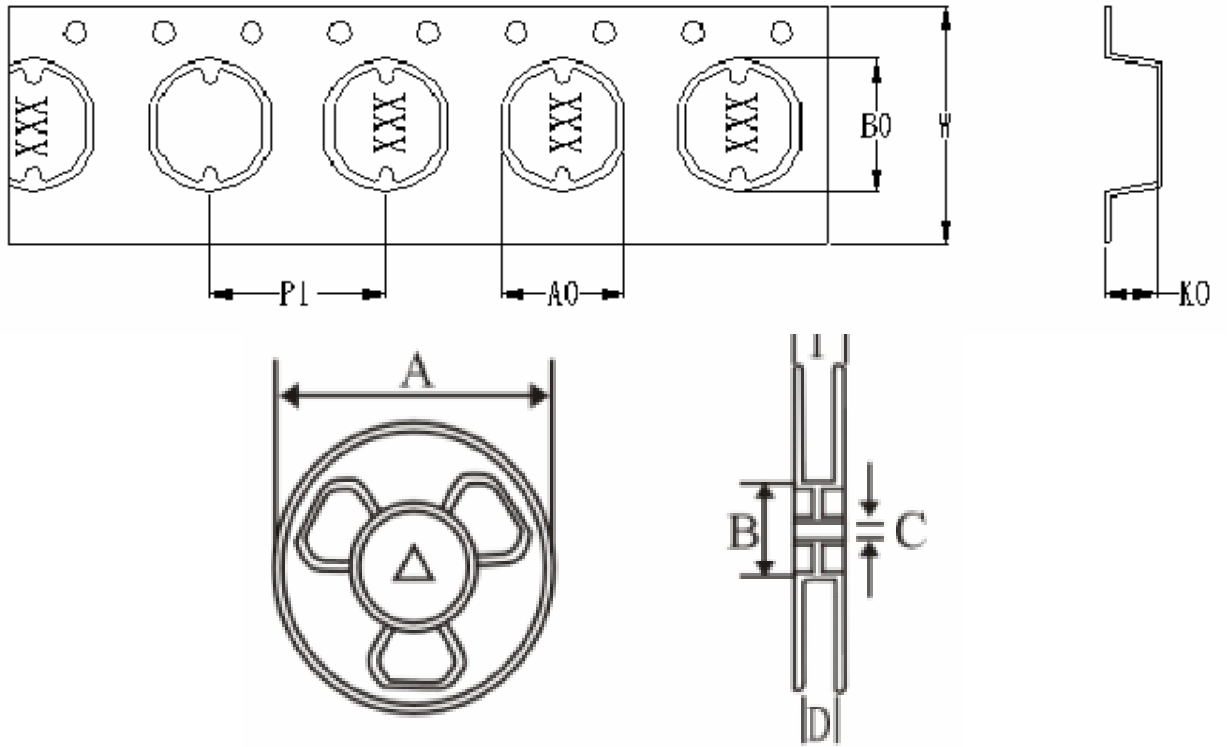
PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM1105HC-R47N	0.47	3.0	16.0	1KHZ/0.25V
HSM1105HC-1R0M	1.0	4.0	12.5	1KHZ/0.25V
HSM1105HC-1R5M	1.5	6.0	10.0	1KHZ/0.25V
HSM1105HC-2R2M	2.2	8.0	9.2	1KHZ/0.25V
HSM1105HC-3R3M	3.3	9.0	8.0	1KHZ/0.25V
HSM1105HC-4R7M	4.7	12.0	6.5	1KHZ/0.25V
HSM1105HC-6R8M	6.8	19.0	5.8	1KHZ/0.25V
HSM1105HC-100M	10	27.0	4.3	1KHZ/0.25V
HSM1105HC-150M	15.0	32.0	3.9	1KHZ/0.25V
HSM1105HC-220M	22	50.0	3.1	100KHZ/0.25V
HSM1105HC-330M	33	69.0	2.4	100KHZ/0.25V
HSM1105HC-470M	47	109.0	1.9	100KHZ/0.25V
HSM1105HC-101K	100	206.0	1.4	100KHZ/0.25V

# HSM1306HC TYPE

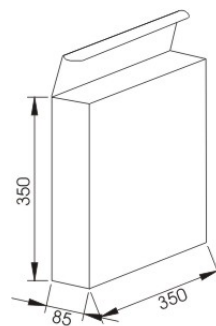
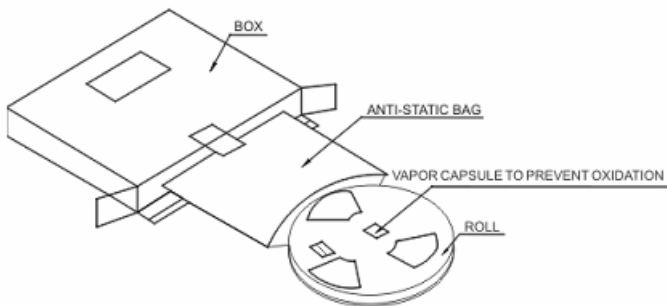
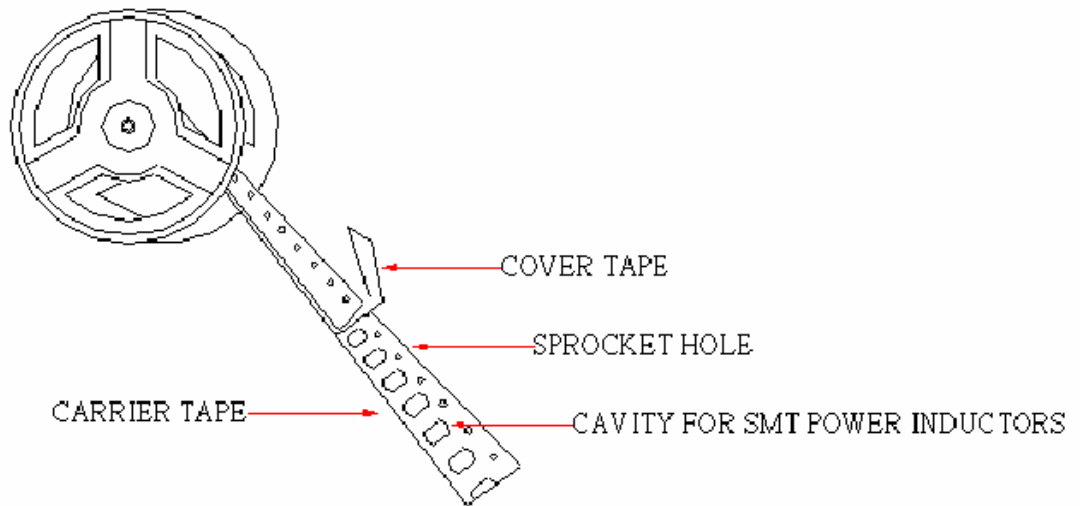
## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM1306HC-R47N	0.47	2.0	19.2	100KHZ/0.25V
HSM1306HC-1R0M	1.0	3.0	17.3	100KHZ/0.25V
HSM1306HC-1R5M	1.5	4.0	13.4	100KHZ/0.25V
HSM1306HC-2R2M	2.2	5.0	12.0	100KHZ/0.25V
HSM1306HC-3R3M	3.3	6.0	11.0	100KHZ/0.25V
HSM1306HC-4R7M	4.7	10.0	8.6	100KHZ/0.25V
HSM1306HC-6R8M	6.8	15.0	8.3	100KHZ/0.25V
HSM1306HC-100M	10.0	20.0	6.8	100KHZ/0.25V
HSM1306HC-150M	15	30.0	5.5	100KHZ/0.25V
HSM1306HC-220M	22.0	40.0	4.5	100KHZ/0.25V
HSM1306HC-330M	33	60.0	3.7	100KHZ/0.25V
HSM1306HC-470M	47	74.0	3.1	100KHZ/0.25V
HSM1306HC-680M	68	120.0	2.4	100KHZ/0.25V
HSM1306HC-101K	100	170.0	2.0	100KHZ/0.25V

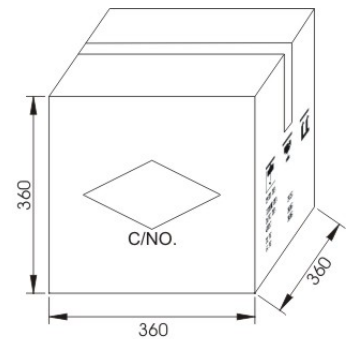
→ (包装方式)



→



Inner carton



Outer carton

4 boxes in case



## REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSM0504HC	338.5±0.5	100.5±0.5	7.8±0.5	13.5±0.5	19.7±0.5	3
HSM0904HC	339.6±0.5	102.7±0.5	8.2±0.5	16.7±0.5	20.5±0.5	1
HSM1105HC	339.5±0.5	105.2±0.5	8.5±0.5	22.6±0.5	28.5±0.5	0.5
HAM1306HC	339.5±0.5	106.3±0.5	8.4±0.5	27.6±0.5	30.5±0.5	0.5

## →CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSM0504HC	11.30±0.5	6.30±0.5	9.20±0.5	23.60±0.5	4.6±0.5	3
HSM0904HC	16.35±0.5	10.25±0.5	14.15±0.5	28.50±0.5	5.4±0.5	1
HSM1105HC	23.20±0.5	14.50±0.5	20.16±0.5	42.50±0.5	6.3±0.5	0.5
HAM1306HC	40.30±0.5	16.40±0.5	23.50±0.5	50.35±0.5	7.4±0.5	0.5



**ROHS compliant(SGS Ceetifiend Result)**

本产品满足环境保护要求 (有害物资限用)

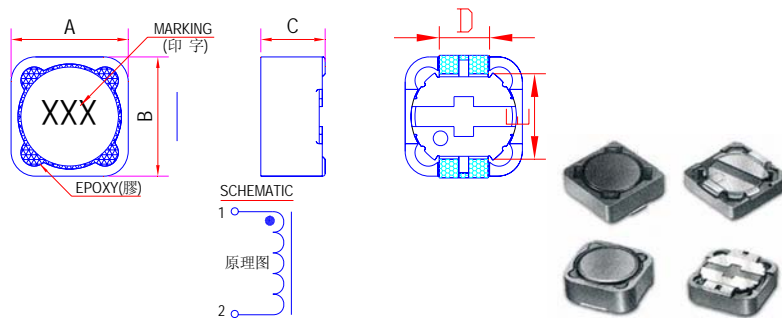
Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

# PART NUMBERING SYSTEM(品名系列)

HSM RH125 -391 M -T/B

①                      ②                      ③                      ④                      ⑤

- ①. 产品类型：产品代码。
- ②. 产品尺寸：外围×高度。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30%。
- ⑤. 包装方式：“T”：载带盘装，B:散装



## →EXTERNAL DIMENSIONS UNIT:mm(外形尺寸)

PART NO. 品名	规格尺寸				
	A	B	C	D	E
HSMRH62B	6.2±0.3	5.9±0.3	3.0(max)	1.5±0.3	4.6±0.3
HSMRH64B	6.2±0.3	5.9±0.3	5.0(max)	1.5±0.3	4.6±0.3
HSMRH73	7.3±0.3	7.3±0.3	3.4(max)	1.8±0.3	5.0±0.3
HSMRH74	7.3±0.3	7.3±0.3	4.5(max)	1.8±0.3	5.0±0.3
HSMRH124	12.0±0.3	12.0±0.3	4.5(max)	5.0±0.3	7.6±0.3
HSMRH125	12.0±0.3	12.0±0.3	5.0(max)	5.0±0.3	7.6±0.3
HSMRH127	12.0±0.3	12.5±0.3	8.0(max)	5.0±0.3	7.6±0.3
HSMRH129	12.0±0.3	12.5±0.3	9.5(max)	5.0±0.3	7.6±0.3

(特殊品可以根据客户要求另行生产)

### 特长及应用 Features & Applications

- (1). 特制的镀金电极端面.焊接可靠.平底表面易于安装。
- (2). 闭磁路设计.具有低磁漏.低电流电阻.耐大电流等特点。
- (3). 广泛应用于移动通讯..个人电脑等高精度的工业设备。

**HSMRH62B**

**TYPE**

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH62B-2R9M	2.9	0.068	1.94	1KHZ/0.25V
HSMRH62B-4R0M	4.0	0.080	1.63	1KHZ/0.25V
HSMRH62B-5R5M	5.5	0.096	1.40	1KHZ/0.25V
HSMRH62B-100M	10	0.150	1.10	1KHZ/0.25V
HSMRH62B-120M	12	0.200	1.00	1KHZ/0.25V
HSMRH62B-150M	15	0.230	0.90	1KHZ/0.25V
HSMRH62B-180M	18	0.270	0.80	1KHZ/0.25V
HSMRH62B-220M	22	0.340	0.74	1KHZ/0.25V
HSMRH62B-270M	27	0.380	0.66	1KHZ/0.25V
HSMRH62B-330M	33	0.45	0.59	1KHZ/0.25V
HSMRH62B-390M	39	0.490	0.54	1KHZ/0.25V
HSMRH62B-470M	47	0.69	0.50	1KHZ/0.25V
HSMRH62B-560M	56	0.78	0.46	1KHZ/0.25V
HSMRH62B-680M	68	1.07	0.42	1KHZ/0.25V
HSMRH62B-820M	82	1.21	0.38	1KHZ/0.25V
HSMRH62B-101K	100	1.39	0.34	1KHZ/0.25V
HSMRH62B-121K	120	1.90	0.31	1KHZ/0.25V
HSMRH62B-151K	150	2.18	0.28	1KHZ/0.25V
HSMRH62B-181K	180	2.77	0.26	1KHZ/0.25V
HSMRH62B-221K	220	3.12	0.23	1KHZ/0.25V
HSMRH62B-271M	270	4.38	0.22	1KHZ/0.25V
HSMRH62B-331K	330	4.94	0.19	1KHZ/0.25V
HSMRH62B-391K	390	5.20	0.18	1KHZ/0.25V
HSMRH62B-471K	470	5.50	0.15	1KHZ/0.25V
HSMRH62B-561K	560	5.60	0.15	1KHZ/0.25V
HSMRH62B-681K	680	6.00	0.12	1KHZ/0.25V
HSMRH62B-821K	820	6.30	0.10	1KHZ/0.25V
HSMRH62B-102K	1000	8.20	0.10	1KHZ/0.25V

**HSMRH64B**

**TYPE**

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH64B-2R9M	2.9	0.06	2.00	1KHZ/0.25V
HSMRH64B-4R0M	4.0	1.10	1.80	1KHZ/0.25V
HSMRH64B-5R5M	5.5	0.10	1.50	1KHZ/0.25V
HSMRH64B-100M	10	0.12	1.35	1KHZ/0.25V
HSMRH64B-120M	12	0.13	1.22	1KHZ/0.25V
HSMRH64B-150M	15	0.18	1.11	1KHZ/0.25V
HSMRH64B-180M	18	0.24	1.02	1KHZ/0.25V
HSMRH64B-220M	22	0.27	0.91	1KHZ/0.25V
HSMRH64B-270M	27	0.30	0.82	1KHZ/0.25V
HSMRH64B-330M	33	0.33	0.74	1KHZ/0.25V
HSMRH64B-390M	39	0.37	0.69	1KHZ/0.25V
HSMRH64B-470M	47	0.52	0.62	1KHZ/0.25V
HSMRH64B-560M	56	0.56	0.58	1KHZ/0.25V
HSMRH64B-680M	68	0.63	0.51	1KHZ/0.25V
HSMRH64B-820M	82	0.71	0.46	1KHZ/0.25V
HSMRH64B-101K	100	1.03	0.42	1KHZ/0.25V
HSMRH64B-121K	120	1.15	0.38	1KHZ/0.25V
HSMRH64B-151K	150	1.68	0.35	1KHZ/0.25V
HSMRH64B-181K	180	1.87	0.32	1KHZ/0.25V
HSMRH64B-221K	220	2.08	0.29	1KHZ/0.25V
HSMRH64B-271K	270	2.37	0.26	1KHZ/0.25V
HSMRH64B-331K	330	2.67	0.23	1KHZ/0.25V
HSMRH64B-391K	390	2.94	0.22	1KHZ/0.25V
HSMRH64B-471K	470	3.93	0.20	1KHZ/0.25V
HSMRH64B-561K	560	5.43	0.18	1KHZ/0.25V
HSMRH64B-681K	680	7.32	0.17	1KHZ/0.25V
HSMRH64B-821K	820	8.24	0.15	1KHZ/0.25V
HSMRH64B-102K	1000	9.26	0.14	1KHZ/0.25V

## HSMRH73 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH73-1R0M	1.0	0.117	5.31	1KHZ/0.25V
HSMRH73-4R0M	4.0	0.115	3.20	1KHZ/0.25V
HSMRH73-5R5M	5.5	0.110	3.00	1KHZ/0.25V
HSMRH73-100M	10	0.072	1.68	1KHZ/0.25V
HSMRH73-120M	12	0.098	1.52	1KHZ/0.25V
HSMRH73-150M	15	0.130	1.33	1KHZ/0.25V
HSMRH73-180M	18	0.140	1.20	1KHZ/0.25V
HSMRH73-220M	22	0.19	1.07	1KHZ/0.25V
HSMRH73-270M	27	0.21	0.96	1KHZ/0.25V
HSMRH73-330M	33	0.24	0.91	1KHZ/0.25V
HSMRH73-390M	39	0.32	0.77	1KHZ/0.25V
HSMRH73-470M	47	0.36	0.76	1KHZ/0.25V
HSMRH73-560M	56	0.47	0.68	1KHZ/0.25V
HSMRH73-680M	68	0.52	0.61	1KHZ/0.25V
HSMRH73-820M	82	0.69	0.57	1KHZ/0.25V
HSMRH73-101K	100	0.79	0.50	1KHZ/0.25V
HSMRH73-121K	120	0.89	0.49	1KHZ/0.25V
HSMRH73-151K	150	1.27	0.43	1KHZ/0.25V
HSMRH73-181K	180	1.45	0.39	1KHZ/0.25V
HSMRH73-221K	220	1.65	0.35	1KHZ/0.25V
HSMRH73-271K	270	2.31	0.32	1KHZ/0.25V
HSMRH73-331K	330	2.62	0.28	1KHZ/0.25V
HSMRH73-391K	390	2.94	0.26	1KHZ/0.25V
HSMRH73-471K	470	4.18	0.24	1KHZ/0.25V
HSMRH73-561K	560	4.67	0.22	1KHZ/0.25V
HSMRH73-681K	680	5.73	0.19	1KHZ/0.25V
HSMRH73-821K	820	6.54	0.18	1KHZ/0.25V
HSMRH73-102K	1000	9.44	0.16	1KHZ/0.25V

# HSMRH74 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH74-2R9M	2.9	0.065	3.0	1KHZ/0.25V
HSMRH74-4R0M	4.0	0.060	2.5	1KHZ/0.25V
HSMRH74-5R5M	5.5	0.050	2.0	1KHZ/0.25V
HSMRH74-100M	10	0.049	1.84	1KHZ/0.25V
HSMRH74-120M	12	0.058	1.71	1KHZ/0.25V
HSMRH74-150M	15	0.081	1.47	1KHZ/0.25V
HSMRH74-180M	18	0.091	1.31	1KHZ/0.25V
HSMRH74-220M	22	0.11	1.23	1KHZ/0.25V
HSMRH74-270M	27	0.15	1.12	1KHZ/0.25V
HSMRH74-330M	33	0.17	0.96	1KHZ/0.25V
HSMRH74-390M	39	0.23	0.91	1KHZ/0.25V
HSMRH74-470M	47	0.26	0.88	1KHZ/0.25V
HSMRH74-560M	56	0.35	0.75	1KHZ/0.25V
HSMRH74-680M	68	0.38	0.69	1KHZ/0.25V
HSMRH74-820M	82	0.43	0.61	1KHZ/0.25V
HSMRH74-101K	100	0.61	0.60	1KHZ/0.25V
HSMRH74-121K	120	0.66	0.52	1KHZ/0.25V
HSMRH74-151K	150	0.88	0.46	1KHZ/0.25V
HSMRH74-181K	180	0.98	0.42	1KHZ/0.25V
HSMRH74-221K	220	1.17	0.36	1KHZ/0.25V
HSMRH74-271K	270	1.64	0.34	1KHZ/0.25V
HSMRH74-331K	330	1.86	0.32	1KHZ/0.25V
HSMRH74-391K	390	2.85	0.29	1KHZ/0.25V
HSMRH74-471K	470	3.01	0.26	1KHZ/0.25V
HSMRH74-561K	560	3.62	0.23	1KHZ/0.25V
HSMRH74-681K	680	4.63	0.22	1KHZ/0.25V
HSMRH74-821K	820	5.20	0.20	1KHZ/0.25V
HSMRH74-102K	1000	6.00	0.18	1KHZ/0.25V

# HSMRH124

# TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH124-1R2M	1.2	0.010	5.2	1KHZ/0.25V
HSMRH124-1R3M	1.3	0.012	5.0	1KHZ/0.25V
HSMRH124-2R1M	2.1	0.012	4.5	1KHZ/0.25V
HSMRH124-2R4M	2.4	0.010	4.5	1KHZ/0.25V
HSMRH124-3R1M	3.1	0.013	4.2	1KHZ/0.25V
HSMRH124-3R5M	3.5	0.015	4.2	1KHZ/0.25V
HSMRH124-3R9M	3.9	0.015	6.54.0	1KHZ/0.25V
HSMRH124-4R4M	4.4	0.016	3.8	1KHZ/0.25V
HSMRH124-4R7M	4.7	0.018	5.70	1KHZ/0.25V
HSMRH124-5R8M	5.6	0.020	5.20	1KHZ/0.25V
HSMRH124-6R1M	6.1	0.020	5.00	1KHZ/0.25V
HSMRH124-6R8M	6.8	0.023	4.90	1KHZ/0.25V
HSMRH124-7R5M	7.5	0.025	4.80	1KHZ/0.25V
HSMRH124-7R6M	7.6	0.025	4.6	1KHZ/0.25V
HSMRH124-100M	10	0.028	4.50	1KHZ/0.25V
HSMRH124-120M	12	0.038	4.00	1KHZ/0.25V
HSMRH124-150M	15	0.050	3.20	1KHZ/0.25V
HSMRH124-180M	18	0.057	3.10	1KHZ/0.25V
HSMRH124-220M	22	0.066	2.90	1KHZ/0.25V
HSMRH124-270M	27	0.080	2.80	1KHZ/0.25V
HSMRH124-330M	33	0.097	2.70	1KHZ/0.25V
HSMRH124-390M	39	0.132	2.10	1KHZ/0.25V
HSMRH124-470M	47	0.150	1.90	1KHZ/0.25V
HSMRH124-560M	56	0.190	1.80	1KHZ/0.25V
HSMRH124-680M	68	0.220	1.50	1KHZ/0.25V
HSMRH124-820M	82	0.260	1.30	1KHZ/0.25V
HSMRH124-101K	100	0.308	1.20	1KHZ/0.25V
HSMRH124-121K	120	0.380	1.10	1KHZ/0.25V
HSMRH124-151K	150	0.530	0.95	1KHZ/0.25V
HSMRH124-181K	180	0.620	0.85	1KHZ/0.25V
HSMRH124-221K	220	0.700	0.80	1KHZ/0.25V
HSMRH124-271K	270	0.876	0.60	1KHZ/0.25V
HSMRH124-331K	330	0.990	0.50	1KHZ/0.25V
HSMRH124-391K	390	1.00	0.45	1KHZ/0.25V
HSMRH124-471K	470	1.30	0.45	1KHZ/0.25V
HSMRH124-561K	560	1.50	0.42	1KHZ/0.25V
HSMRH124-681K	680	1.80	0.40	1KHZ/0.25V
HSMRH124-821K	820	2.00	0.30	1KHZ/0.25V
HSMRH124-102K	1000	2.50	0.25	1KHZ/0.25V

# HSMRH125 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH125-1R2M	1.2	0.010	8.5	1KHZ/0.25V
HSMRH125-1R3M	1.3	0.012	8.00	1KHZ/0.25V
HSMRH125-2R1M	2.1	0.014	7.00	1KHZ/0.25V
HSMRH125-2R4M	2.4	0.015	7.5	1KHZ/0.25V
HSMRH125-3R1M	3.1	0.017	6.00	1KHZ/0.25V
HSMRH125-3R5M	3.5	0.018	6.5	1KHZ/0.25V
HSMRH125-3R9M	3.9	0.019	6.00	1KHZ/0.25V
HSMRH125-4R4M	4.4	0.020	5.00	1KHZ/0.25V
HSMRH125-4R7M	4.7	0.020	5.50	1KHZ/0.25V
HSMRH125-5R8M	5.8	0.021	4.40	1KHZ/0.25V
HSMRH125-6R1M	6.1	0.022	4.00	1KHZ/0.25V
HSMRH125-6R8M	6.8	0.023	3.50	1KHZ/0.25V
HSMRH125-7R5M	7.5	0.024	4.20	1KHZ/0.25V
HSMRH125-7R6M	7.6	0.025	3.80	1KHZ/0.25V
HSMRH125-100M	10	0.025	4.00	1KHZ/0.25V
HSMRH125-120M	12	0.027	3.50	1KHZ/0.25V
HSMRH125-150M	15	0.030	3.30	1KHZ/0.25V
HSMRH125-180M	18	0.034	3.00	1KHZ/0.25V
HSMRH125-220M	22	0.036	2.80	1KHZ/0.25V
HSMRH125-270M	27	0.051	2.30	1KHZ/0.25V
HSMRH125-330M	33	0.057	2.10	1KHZ/0.25V
HSMRH125-390M	39	0.068	2.00	1KHZ/0.25V
HSMRH125-470M	47	0.075	1.80	1KHZ/0.25V
HSMRH125-560M	56	0.11	1.70	1KHZ/0.25V
HSMRH125-680M	68	0.12	1.50	1KHZ/0.25V
HSMRH125-820M	82	0.14	1.40	1KHZ/0.25V
HSMRH125-101K	100	0.16	1.30	1KHZ/0.25V
HSMRH125-121K	120	0.17	1.10	1KHZ/0.25V
HSMRH125-151K	150	0.23	1.00	1KHZ/0.25V
HSMRH125-181K	180	0.29	0.90	1KHZ/0.25V
HSMRH125-221K	220	0.40	0.80	1KHZ/0.25V
HSMRH125-271K	270	0.46	0.75	1KHZ/0.25V
HSMRH125-331K	330	0.51	0.68	1KHZ/0.25V
HSMRH125-391K	390	0.69	0.65	1KHZ/0.25V
HSMRH125-471K	470	0.77	0.58	1KHZ/0.25V
HSMRH125-561K	560	0.86	0.54	1KHZ/0.25V
HSMRH125-681K	680	1.20	0.48	1KHZ/0.25V
HSMRH125-821K	820	1.34	0.43	1KHZ/0.25V
HSMRH125-102K	1000	1.53	0.40	1KHZ/0.25V



# HSMRH127 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH127-1R2M	1.2	7.0	9.8	1KHZ/0.25V
HSMRH127-1R3M	1.3	8.5	9.5	1KHZ/0.25V
HSMRH127-2R1M	2.1	10.0	9.0	1KHZ/0.25V
HSMRH127-2R4M	2.4	11.5	8.0	1KHZ/0.25V
HSMRH127-3R1M	3.1	12.0	7.5	1KHZ/0.25V
HSMRH127-3R5M	3.5	13.5	7.5	1KHZ/0.25V
HSMRH127-3R9M	3.9	14.0	7.0	1KHZ/0.25V
HSMRH127-4R4M	4.4	14.5	7.0	1KHZ/0.25V
HSMRH127-4R7M	4.7	15.8	6.8	1KHZ/0.25V
HSMRH127-5R8M	5.8	16.2	6.5	1KHZ/0.25V
HSMRH127-6R1M	6.1	17.6	6.5	1KHZ/0.25V
HSMRH127-6R8M	6.8	18.0	6.5	1KHZ/0.25V
HSMRH127-7R5M	7.5	18.5	5.5	1KHZ/0.25V
HSMRH127-7R6M	7.6	20.0	5.9	1KHZ/0.25V
HSMRH127-100M	10	21.6	5.4	1KHZ/0.25V
HSMRH127-120M	12	24.3	4.9	1KHZ/0.25V
HSMRH127-150M	15	27.0	4.5	1KHZ/0.25V
HSMRH127-180M	18	39.2	3.9	1KHZ/0.25V
HSMRH127-220M	22	43.2	3.6	1KHZ/0.25V
HSMRH127-270M	27	45.9	3.4	1KHZ/0.25V
HSMRH127-330M	33	64.8	3.0	1KHZ/0.25V
HSMRH127-390M	39	72.9	2.8	1KHZ/0.25V
HSMRH127-470M	47	100	2.5	1KHZ/0.25V
HSMRH127-560M	56	110	2.35	1KHZ/0.25V
HSMRH127-680M	68	140	2.10	1KHZ/0.25V
HSMRH127-820M	82	0.160	1.95	1KHZ/0.25V
HSMRH127-101K	100	0.220	1.7	1KHZ/0.25V
HSMRH127-121K	120	0.250	1.60	1KHZ/0.25V
HSMRH127-151K	150	0.280	1.42	1KHZ/0.25V
HSMRH127-181K	180	0.350	1.30	1KHZ/0.25V
HSMRH127-221K	220	0.390	1.16	1KHZ/0.25V
HSMRH127-271K	270	0.560	1.06	1KHZ/0.25V
HSMRH127-331K	330	0.640	0.95	1KHZ/0.25V
HSMRH127-391K	390	0.700	0.88	1KHZ/0.25V
HSMRH127-471K	470	0.98	0.79	1KHZ/0.25V
HSMRH127-561K	560	1.07	0.73	1KHZ/0.25V
HSMRH127-681K	680	1.46	0.67	1KHZ/0.25V
HSMRH127-821K	820	1.64	0.60	1KHZ/0.25V
HSMRH127-102K	1000	1.82	0.55	1KHZ/0.25V

# HSMRH129 TYPE

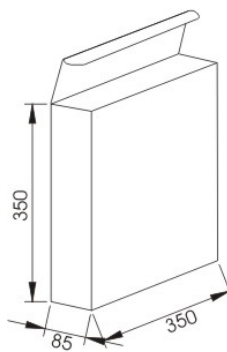
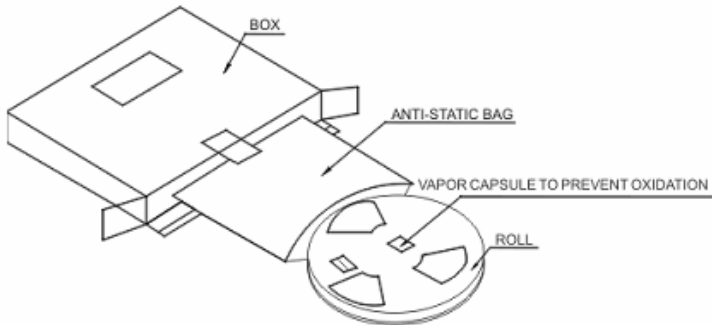
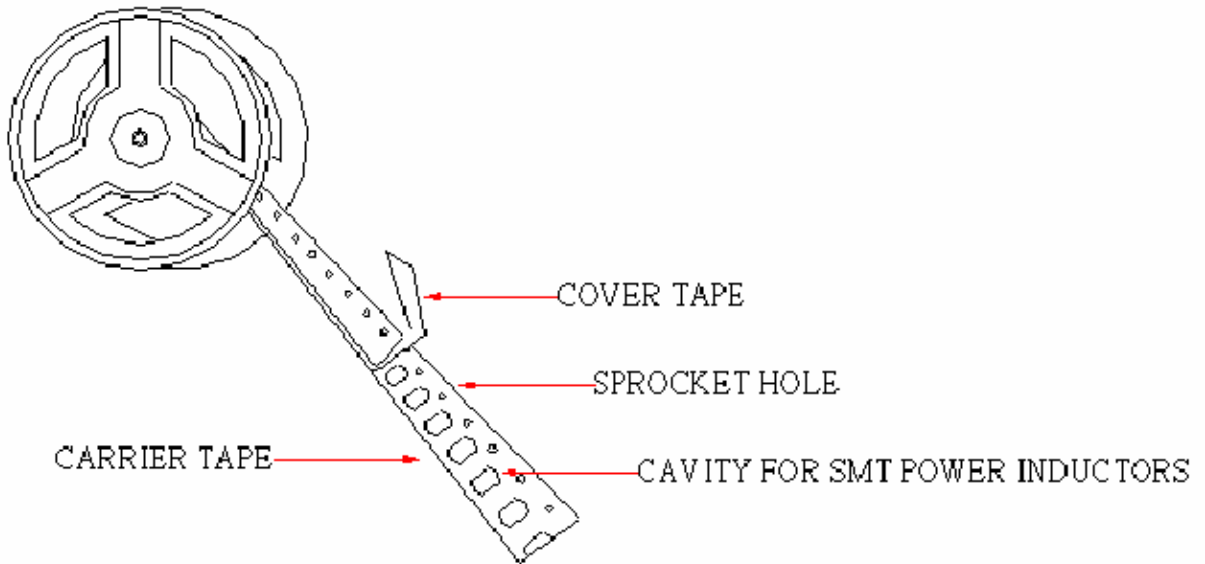
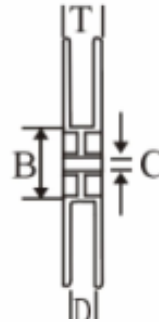
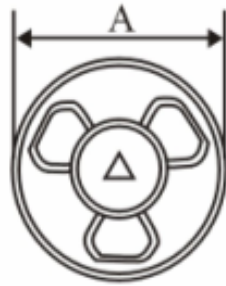
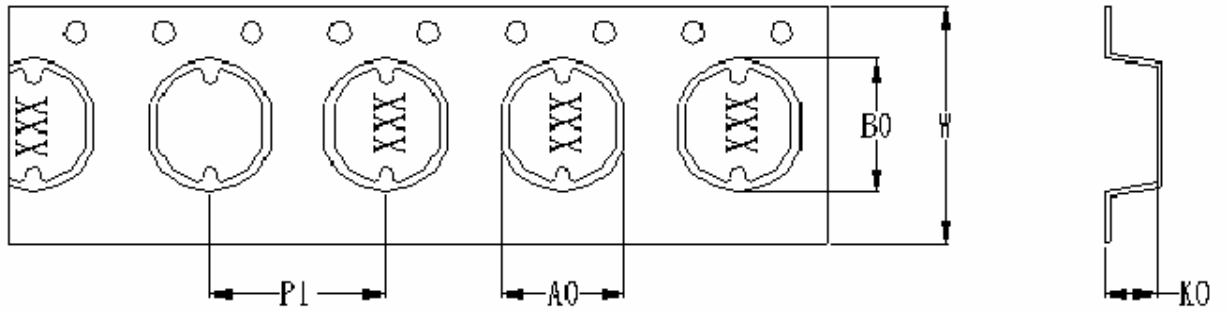
## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH129-1R0M	1.0	0.004	25.0	1KHZ/0.25V
HSMRH129-2R2M	2.2	0.005	20.0	1KHZ/0.25V
HSMRH129-3R5M	3.5	0.006	16.5	1KHZ/0.25V
HSMRH129-4R7M	4.7	0.007	13.0	1KHZ/0.25V
HSMRH129-6R8M	6.8	0.009	12.8	1KHZ/0.25V
HSMRH129-100M	10	0.013	10.5	1KHZ/0.25V
HSMRH129-150M	15	0.021	8.0	1KHZ/0.25V
HSMRH129-220M	22	0.023	6.5	1KHZ/0.25V
HSMRH129-270M	27	0.030	5.8	1KHZ/0.25V
HSMRH129-330M	33	0.037	5.5	1KHZ/0.25V
HSMRH129-390M	39	0.044	5.0	1KHZ/0.25V
HSMRH129-470M	47	0.046	4.5	1KHZ/0.25V
HSMRH129-680M	68	0.069	3.6	1KHZ/0.25V
HSMRH129-101M	100	0.1	3.1	1KHZ/0.25V
HSMRH129-151M	150	0.151	2.7	1KHZ/0.25V
HSMRH129-221M	220	0.193	2.2	1KHZ/0.25V
HSMRH129-271M	270	0.248	1.7	1KHZ/0.25V
HSMRH129-331M	330	0.363	1.5	1KHZ/0.25V
HSMRH129-471M	470	0.437	1.3	1KHZ/0.25V
HSMRH129-681M	680	0.66	1.1	1KHZ/0.25V
HSMRH129-821M	820	0.815	1.0	1KHZ/0.25V
HSMRH129-102M	1000	0.93	1.2	1KHZ/0.25V
HSMRH129-152M	1500	1.8	2.3	1KHZ/0.25V

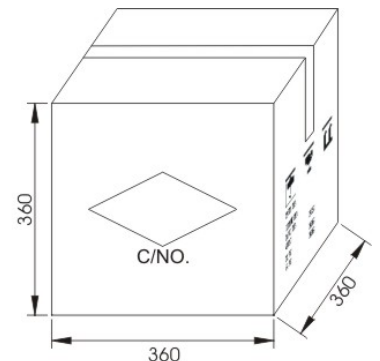
# HSMRH62B/64B/73/74/124/125/127

# TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMRH62B	338.5±0.5	102.5±0.5	7.6±0.5	12.0±0.5	17.8±0.5	1
HSMRH64B	338.6±0.5	102.6±0.5	7.8±0.5	12.6±0.5	17.9±0.5	1
HSMRH73	338.5±0.5	102.6±0.5	7.8±0.5	12.8±0.5	17.6±0.5	1
HAMRH124	338.5±0.5	102.5±0.5	7.6±0.5	12.0±0.5	17.8±0.5	1
HSMRH125	338.6±0.5	102.6±0.5	7.8±0.5	12.6±0.5	17.9±0.5	1
HSMRH127	338.5±0.5	102.6±0.5	7.8±0.5	12.8±0.5	17.6±0.5	0.5
HSMRH129	338.5±0.5	102.6±0.5	7.8±0.5	12.8±0.5	17.6±0.5	0.25

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMRH62B	10.5±0.5	6.3±0.5	6.25±0.5	11.8±0.5	1.8±0.5	1
HSMRH64B	10.5±0.5	6.3±0.5	6.35±0.5	11.8±0.5	1.80.5	1
HSMRH73	13.2±0.5	6.5±0.5	6.30±0.5	17.6±0.5	2.4±0.5	1
HAMRH124	22.5±0.5	6.5±0.5	6.20±0.5	17.6±0.5	2.2±0.5	1
HSMRH125	22.6±0.5	6.2±0.5	6.30±0.5	17.6±0.5	2.5±0.5	1
HSMRH127	22.8±0.5	6.25±0.5	6.32±0.5	18.2±0.5	3.3±0.5	0.5
HSMRH129	22.6±0.5	6.30±0.5	6.30±0.5	18.5±0.5	3.8±0.5	0.25



ROHS compliant(SGS Ceetifiend Result)

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

## PART NUMBERING SYSTEM(品名系列)

HSMRH    4D28    -180    N    -T/B

①

②

③

④

⑤

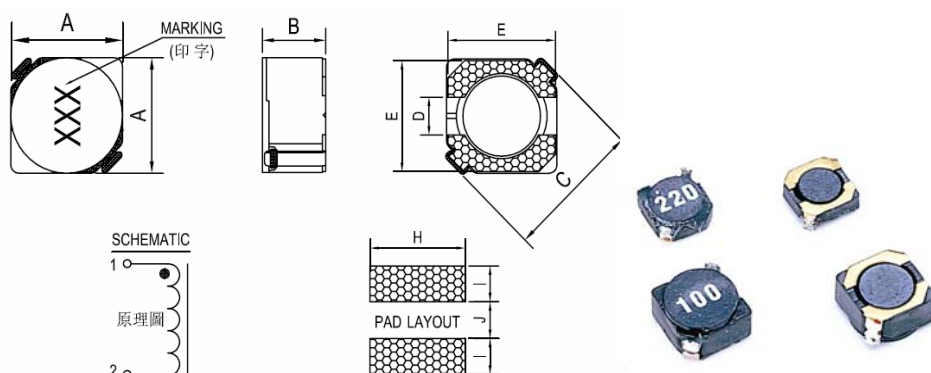
①. 产品类型：产品代码。

②. 产品尺寸：DR 和 RI 的尺寸。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30%。

⑤. 包装方式：“T”：载带盘装，B：散装



### →EXTERNAL DIMENSIONS UNIT:mm(外形尺寸)

产品型号	A(max)	B(max)	C(max)	D	E	H	I	J
HSMRH2D09	3.3	1.1	4.5	1.0	0.7	1.3	1.3	1.7
HSMRH2D11	3.3	1.3	4.5	1.0	0.7	1.3	1.3	1.7
HSMRH2D14	3.3	1.6	4.5	1.0	0.7	1.3	1.3	1.7
HSMRH2D18	3.3	2.0	4.5	1.0	0.7	1.3	1.3	1.7
HSMRH3D11	4.0	1.4	5.5	1.0	0.7	1.3	1.3	1.7
HSMRH3D14	4.0	1.7	5.5	1.2	3.7	4.5	1.5	1.2
HSMRH3D16	4.0	2.0	5.5	1.2	3.7	4.5	1.5	1.2
HSMRH3D28	4.0	3.1	5.5	1.2	3.7	4.5	1.5	1.2
HSMRH4D18	5.0	2.0	6.9	1.5	4.5	5.3	1.9	1.5
HSMRH5D18	6.0	2.0	8.2	1.5	5.5	6.3	2.15	2.0
HSMRH5D28	6.0	3.0	8.2	2.0	5.5	6.3	2.15	2.0
HSMRH6D28	7.0	3.0	9.5	2.0	6.5	7.3	2.65	2.0
HSMRH6D38	7.0	4.0	9.5	2.0	6.5	7.3	2.65	2.0

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

- (1) 特制的镀金电极端面,焊接可靠,平底表面易于安装。
- (2) 闭磁路设计,具有低磁漏,低直流电阻,短小轻薄等特点。
- (3) 广泛应用于移动通讯和视听设备,液晶显示等高精度工业和家庭设备中。

# HSMRH2D09 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM2D09-1R2M	1.2	97.5	0.80	1KHZ/0.25V
HSM2D09-1R5M	1.5	110.0	0.73	1KHZ/0.25V
HSM2D09-1R8M	1.8	131.3	0.65	1KHZ/0.25V
HSM2D09-2R2M	2.2	143.8	0.60	1KHZ/0.25V
HSM2D09-2R4M	2.4	146.3	0.56	1KHZ/0.25V
HSM2D09-2R7M	2.7	150.0	0.53	1KHZ/0.25V
HSM2D09-3R3M	3.3	193.8	0.47	1KHZ/0.25V
HSM2D09-3R9M	3.9	225.0	0.45	1KHZ/0.25V
HSM2D09-4R7M	4.7	287.5	0.41	1KHZ/0.25V
HSM2D09-5R6M	5.6	325.0	0.37	1KHZ/0.25V
HSM2D09-6R8M	6.8	425.0	0.33	1KHZ/0.25V
HSM2D09-8R2M	8.2	475.0	0.30	1KHZ/0.25V
HSM2D09-100M	10	537.5	0.28	1KHZ/0.25V
HSM2D09-120M	12	542.2	0.25	1KHZ/0.25V
HSM2D09-150M	15	546.3	0.25	1KHZ/0.25V
HSM2D09-180M	18	552.0	0.24	1KHZ/0.25V
HSM2D09-220M	22	575.2	0.23	1KHZ/0.25V
HSM2D09-270M	27	582.3	0.15	1KHZ/0.25V

# HSMRH2D11 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM2D11-1R2M	1.2	89.5	0.90	1KHZ/0.25V
HSM2D11-1R5M	1.5	97.5	0.80	1KHZ/0.25V
HSM2D11-1R8M	1.8	110.0	0.73	1KHZ/0.25V
HSM2D11-2R2M	2.2	131.3	0.65	1KHZ/0.25V
HSM2D11-2R4M	2.4	138.6	0.60	1KHZ/0.25V
HSM2D11-2R7M	2.7	143.8	0.60	1KHZ/0.25V
HSM2D11-3R3M	3.3	150.0	0.53	1KHZ/0.25V
HSM2D11-3R9M	3.9	193.8	0.47	1KHZ/0.25V
HSM2D11-4R7M	4.7	195.8	0.45	1KHZ/0.25V
HSM2D11-5R6M	5.6	198.3	0.40	1KHZ/0.25V
HSM2D11-6R8M	6.8	201.3	0.35	1KHZ/0.25V
HSM2D11-8R2M	8.2	222.3	0.33	1KHZ/0.25V
HSM2D11-100M	10	225.5	0.30	1KHZ/0.25V
HSM2D11-120M	12	230.3	0.30	1KHZ/0.25V
HSM2D11-150M	15	230.8	0.25	1KHZ/0.25V
HSM2D11-180M	18	230.6	0.22	1KHZ/0.25V
HSM2D11-220M	22	244.5	0.20	1KHZ/0.25V
HSM2D11-270M	27	2448.5	0.20	1KHZ/0.25V
HSM2D11-330M	33	244.6	0.15	1KHZ/0.25V
HSM2D11-470M	47	255.3	0.10	1KHZ/0.25V

## HSMRH2D14

## TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH2D14-1R2M	1.2	55.0	2.00	1KHZ/0.25V
HSMRH2D14-1R5M	1.5	63.0	1.80	1KHZ/0.25V
HSMRH2D14-1R8M	1.8	75.0	1.65	1KHZ/0.25V
HSMRH2D14-2R2M	2.2	94.0	1.50	1KHZ/0.25V
HSMRH2D14-2R7M	2.7	106.0	1.35	1KHZ/0.25V
HSMRH2D14-3R3M	3.3	125.0	1.20	1KHZ/0.25V
HSMRH2D14-3R9M	3.9	138.0	1.10	1KHZ/0.25V
HSMRH2D14-4R7M	4.7	185.0	1.10	1KHZ/0.25V
HSMRH2D14-5R6M	5.6	220.0	0.95	1KHZ/0.25V
HSMRH2D14-6R8M	6.8	250.0	0.85	1KHZ/0.25V
HSMRH2D14-8R2M	8.2	281.0	0.80	1KHZ/0.25V
HSMRH2D14-100M	10.0	318.0	0.76	1KHZ/0.25V
HSMRH2D14-120M	12	438.0	0.62	1KHZ/0.25V
HSMRH2D14-150M	15	450.2	0.55	1KHZ/0.25V
HSMRH2D14-180M	18	455.2	0.50	1KHZ/0.25V
HSMRH2D14-220M	22	455.8	0.50	1KHZ/0.25V
HSMRH2D14-270M	27	463.5	0.45	1KHZ/0.25V
HSMRH2D14-330M	33	478.6	0.40	1KHZ/0.25V
HSMRH2D14-470M	47	482.5	0.30	1KHZ/0.25V

## HSMRH2D18 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH2D18-1R2M	1.2	25.6	1.5	1KHZ/0.25V
HSMRH2D18-1R5M	1.5	32.6	1.3	1KHZ/0.25V
HSMRH2D18-1R8M	1.8	35.6	1.0	1KHZ/0.25V
HSMRH2D18-2R2M	2.2	41	0.85	1KHZ/0.25V
HSMRH2D18-2R7M	2.7	55.3	0.80	1KHZ/0.25V
HSMRH2D18-3R3M	3.3	78	0.75	1KHZ/0.25V
HSMRH2D18-3R9M	3.9	77.5	0.70	1KHZ/0.25V
HSMRH2D18-4R7M	4.7	78.5	0.63	1KHZ/0.25V
HSMRH2D18-5R6M	5.6	78	0.60	1KHZ/0.25V
HSMRH2D18-6R8M	6.8	115	0.52	1KHZ/0.25V
HSMRH2D18-8R2M	8.2	135.6	0.50	1KHZ/0.25V
HSMRH2D18-100M	10	180	0.43	1KHZ/0.25V
HSMRH2D18-120M	12	193.5	0.40	1KHZ/0.25V
HSMRH2D18-150M	15	200	0.35	1KHZ/0.25V
HSMRH2D18-180M	18	312.5	0.30	1KHZ/0.25V
HSMRH2D18-220M	22	363	0.30	1KHZ/0.25V
HSMRH2D18-270M	27	421.0	0.27	1KHZ/0.25V
HSMRH2D18-330M	33	516	0.24	1KHZ/0.25V
HSMRH2D18-470M	47	750	0.20	1KHZ/0.25V

# HSMRH3D11 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH2D18-1R2M	1.2	44.6	2.50	1KHZ/0.25V
HSMRH2D18-1R5M	1.5	55.3	2.30	1KHZ/0.25V
HSMRH2D18-1R8M	1.8	76.2	2.20	1KHZ/0.25V
HSMRH2D18-2R2M	2.2	85.4	1.90	1KHZ/0.25V
HSMRH2D18-2R4M	2.4	38.5	1.85	1KHZ/0.25V
HSMRH2D18-2R7M	2.7	105.0	1.80	1KHZ/0.25V
HSMRH2D18-3R3M	3.3	125.6	1.70	1KHZ/0.25V
HSMRH2D18-3R9M	3.9	135.8	1.70	1KHZ/0.25V
HSMRH2D18-4R7M	4.7	156.0	1.65	1KHZ/0.25V
HSMRH2D18-5R6M	5.6	183.5	1.60	1KHZ/0.25V
HSMRH2D18-6R8M	6.8	225.0	1.50	1KHZ/0.25V
HSMRH2D18-8R2M	8.2	294.0	1.35	1KHZ/0.25V
HSMRH2D18-100M	10	338.0	1.20	1KHZ/0.25V
HSMRH2D18-120M	12	418.0	1.10	1KHZ/0.25V
HSMRH2D18-150M	15	550.0	1.00	1KHZ/0.25V
HSMRH2D18-180M	18	628.0	0.95	1KHZ/0.25V
HSMRH2D18-220M	22	731.0	0.85	1KHZ/0.25V
HSMRH2D18-330M	33	1108.0	0.80	1KHZ/0.25V
HSMRH2D18-470M	47	1390.0	0.76	1KHZ/0.25V

# HSMRH3D14 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH3D14-1R2M	1.2	50.20	3.00	1KHZ/0.25V
HSMRH3D14-1R5M	1.5	76.0	2.60	1KHZ/0.25V
HSMRH3D14-1R8M	1.8	85.6	2.50	1KHZ/0.25V
HSMRH3D14-2R2M	2.2	99.8	2.20	1KHZ/0.25V
HSMRH3D14-2R4M	2.4	129.0	2.00	1KHZ/0.25V
HSMRH3D14-2R7M	2.7	130.5	2.00	1KHZ/0.25V
HSMRH3D14-3R3M	3.3	139.0	1.80	1KHZ/0.25V
HSMRH3D14-3R9M	3.9	214.0	1.45	1KHZ/0.25V
HSMRH3D14-4R7M	4.7	225.6	1.30	1KHZ/0.25V
HSMRH3D14-5R6M	5.6	236.5	1.25	1KHZ/0.25V
HSMRH3D14-6R8M	6.8	290.0	1.20	1KHZ/0.25V
HSMRH3D14-8R2M	8.2	415.3	1.10	1KHZ/0.25V
HSMRH3D14-100M	10	440.0	1.00	1KHZ/0.25V
HSMRH3D14-120M	12	555.6	0.90	1KHZ/0.25V
HSMRH3D14-150M	15	650.0	0.80	1KHZ/0.25V
HSMRH3D14-180M	18	780.6	0.75	1KHZ/0.25V
HSMRH3D14-220M	22	830.0	0.65	1KHZ/0.25V
HSMRH3D14-330M	33	920.0	0.60	1KHZ/0.25V
HSMRH3D14-470M	47	1100.0	0.35	1KHZ/0.25V



# HSMRH3D16 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM3D16-1R2M	1.2	35.3	2.50	1KHZ/0.25V
HSM3D16-1R5M	1.5	52.0	1.55	1KHZ/0.25V
HSM3D16-1R8M	1.8	65.3	1.35	1KHZ/0.25V
HSM3D16-2R2M	2.2	72.0	1.20	1KHZ/0.25V
HSM3D16-2R4M	2.4	82.5	1.20	1KHZ/0.25V
HSM3D16-2R7M	2.7	85.0	1.15	1KHZ/0.25V
HSM3D16-3R3M	3.3	85.0	1.10	1KHZ/0.25V
HSM3D16-3R9M	3.9	95.3	1.00	1KHZ/0.25V
HSM3D16-4R7M	4.7	105.0	0.90	1KHZ/0.25V
HSM3D16-5R6M	5.6	120.5	0.85	1KHZ/0.25V
HSM3D16-6R8M	6.8	170.0	0.73	1KHZ/0.25V
HSM3D16-8R2M	8.2	195.3	0.65	1KHZ/0.25V
HSM3D16-100M	10	210.0	0.55	1KHZ/0.25V
HSM3D16-120M	12	265.3	0.50	1KHZ/0.25V
HSM3D16-150M	15	295.0	0.45	1KHZ/0.25V
HSM3D16-180M	18	415.3	0.40	1KHZ/0.25V
HSM3D16-220M	22	430.0	0.40	1KHZ/0.25V
HSM3D16-270M	27	562.5	0.35	1KHZ/0.25V
HSM3D16-330M	33	675.0	0.32	1KHZ/0.25V
HSM3D16-470M	47	725.3	0.30	1KHZ/0.25V

# HSMRH3D28 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH3D28-1R2M	1.2	35.3	3.5	1KHZ/0.25V
HSMRH3D28-1R5M	1.5	55.8	3.4	1KHZ/0.25V
HSMRH3D28-1R8M	1.8	68.3	3.2	1KHZ/0.25V
HSMRH3D28-2R2M	2.2	68.9	3.0	1KHZ/0.25V
HSMRH3D28-2R4M	2.4	70.20	2.5	1KHZ/0.25V
HSMRH3D28-2R7M	2.7	70.20	2.2	1KHZ/0.25V
HSMRH3D28-3R3M	3.3	72.1	2.00	1KHZ/0.25V
HSMRH3D28-3R9M	3.9	75.30	1.70	1KHZ/0.25V
HSMRH3D28-4R7M	4.7	88.3	1.65	1KHZ/0.25V
HSMRH3D28-5R6M	5.6	100.30	1.45	1KHZ/0.25V
HSMRH3D28-6R8M	6.8	119.0	1.24	1KHZ/0.25V
HSMRH3D28-8R2M	8.2	125.3	1.10	1KHZ/0.25V
HSMRH3D28-100M	10	142.0	1.05	1KHZ/0.25V
HSMRH3D28-120M	12	200.3	1.00	1KHZ/0.25V
HSMRH3D28-150M	15	213.0	0.90	1KHZ/0.25V
HSMRH3D28-180M	18	315.5	0.80	1KHZ/0.25V
HSMRH3D28-220M	22	335.0	0.76	1KHZ/0.25V
HSMRH3D28-270M	27	456.3	0.60	1KHZ/0.25V
HSMRH3D28-330M	33	481.0	0.58	1KHZ/0.25V
HSMRH3D28-390M	39	585.2	0.50	1KHZ/0.25V
HSMRH3D28-470M	47	599.0	0.48	1KHZ/0.25V
HSMRH3D28-560M	56	612.5	0.45	1KHZ/0.25V
HSMRH3D28-680M	68	635.6	0.42	1KHZ/0.25V
HSMRH3D28-820M	82	655.3	0.40	1KHZ/0.25V
HSMRH3D28-101K	100	685.3	0.38	1KHZ/0.25V
HSMRH3D28-121K	120	668.2	0.35	1KHZ/0.25V
HSMRH3D28-151K	150	702.5	0.33	1KHZ/0.25V
HSMRH3D28-181K	180	705.6	0.30	1KHZ/0.25V
HSMRH3D28-221K	220	711.2	0.28	1KHZ/0.25V
HSMRH3D28-271K	270	715.6	0.25	1KHZ/0.25V
HSMRH3D28-331K	330	733.2	0.23	1KHZ/0.25V
HSMRH3D28-391K	390	746.9	0.20	1KHZ/0.25V
HSMRH3D28-471K	470	756.3	0.15	1KHZ/0.25V

# HSMRH4D18 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH4D18-1R0M	1.0	45	1.72	1KHZ/0.25V
HSMRH4D18-1R2M	1.2	51.0	1.70	1KHZ/0.25V
HSMRH4D18-1R5M	1.5	68.5	1.65	1KHZ/0.25V
HSMRH4D18-1R8M	1.8	71.3	1.52	1KHZ/0.25V
HSMRH4D18-2R2M	2.2	75	1.32	1KHZ/0.25V
HSMRH4D18-2R7M	2.7	105	1.28	1KHZ/0.25V
HSMRH4D18-3R3M	3.3	110	1.04	1KHZ/0.25V
HSMRH4D18-3R9M	3.9	155	0.88	1KHZ/0.25V
HSMRH4D18-4R7M	4.7	162	0.84	1KHZ/0.25V
HSMRH4D18-5R6M	5.6	170	0.80	1KHZ/0.25V
HSMRH4D18-6R8M	6.8	190	0.76	1KHZ/0.25V
HSMRH4D18-8R2M	8.2	196	0.70	1KHZ/0.25V
HSMRH4D18-100M	10	200	0.61	1KHZ/0.25V
HSMRH4D18-120M	12	210	0.56	1KHZ/0.25V
HSMRH4D18-150M	15	240	0.50	1KHZ/0.25V
HSMRH4D18-180M	18	338	0.48	1KHZ/0.25V
HSMRH4D18-220M	22	397	0.41	1KHZ/0.25V
HSMRH4D18-270M	27	441	0.35	1KHZ/0.25V
HSMRH4D18-330M	33	694	0.32	1KHZ/0.25V
HSMRH4D18-390M	39	709	0.30	1KHZ/0.25V
HSMRH4D18-470M	47	992	0.28	1KHZ/0.25V
HSMRH4D18-560M	56	1080	0.26	1KHZ/0.25V
HSMRH4D18-680M	68	1300	0.24	1KHZ/0.25V
HSMRH4D18-820M	82	1560	0.22	1KHZ/0.25V
HSMRH4D18-101K	100	1730	0.20	1KHZ/0.25V
HSMRH4D18-121K	120	2390	0.18	1KHZ/0.25V
HSMRH4D18-151K	150	2670	0.15	1KHZ/0.25V
HSMRH4D18-181K	180	4000	0.14	1KHZ/0.25V

# HSMRH4D28 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH4D28-1R0M	1.0	20.35	2.80	1KHZ/0.25V
HSMRH4D28-1R2M	1.2	23.6	2.56	1KHZ/0.25V
HSMRH4D28-1R8M	1.8	27.5	2.20	1KHZ/0.25V
HSMRH4D28-2R2M	2.2	31.3	2.04	1KHZ/0.25V
HSMRH4D28-2R7M	2.7	43.3	1.60	1KHZ/0.25V
HSMRH4D28-3R3M	3.3	49.2	1.57	1KHZ/0.25V
HSMRH4D28-3R9M	3.9	64.8	1.44	1KHZ/0.25V
HSMRH4D28-4R7M	4.7	72.0	1.32	1KHZ/0.25V
HSMRH4D28-5R6M	5.6	100.9	1.17	1KHZ/0.25V
HSMRH4D28-6R8M	6.8	108.9	1.12	1KHZ/0.25V
HSMRH4D28-8R2M	8.2	117.5	1.04	1KHZ/0.25V
HSMRH4D28-100M	10	128.3	1.00	1KHZ/0.25V
HSMRH4D28-120M	12	131.6	0.84	1KHZ/0.25V
HSMRH4D28-150M	15	149.0	0.76	1KHZ/0.25V
HSMRH4D28-180M	18	166.0	0.72	1KHZ/0.25V
HSMRH4D28-220M	22	235.0	0.70	1KHZ/0.25V
HSMRH4D28-270M	27	261.0	0.58	1KHZ/0.25V
HSMRH4D28-330M	33	378.0	0.56	1KHZ/0.25V
HSMRH4D28-390M	39	383.7	0.50	1KHZ/0.25V
HSMRH4D28-470M	47	587.0	0.48	1KHZ/0.25V
HSMRH4D28-560M	56	624.5	0.41	1KHZ/0.25V
HSMRH4D28-680M	68	699.0	0.35	1KHZ/0.25V
HSMRH4D28-820M	82	914.8	0.32	1KHZ/0.25V
HSMRH4D28-101K	100	102.0	0.29	1KHZ/0.25V
HSMRH4D28-121K	120	127.0	0.27	1KHZ/0.25V
HSMRH4D28-151K	150	135.0	0.24	1KHZ/0.25V
HSMRH4D28-181K	180	154.0	0.22	1KHZ/0.25V
HSMRH4D28-221K	220	165.3	0.20	1KHZ/0.25V
HSMRH4D28-271K	270	183.0	0.15	1KHZ/0.25V
HSMRH4D28-331K	330	210.2	0.15	1KHZ/0.25V
HSMRH4D28-391K	390	231.0	0.10	1KHZ/0.25V
HSMRH4D28-471K	470	225.6	0.10	1KHZ/0.25V
HSMRH4D28-561K	560	235.6	0.10	1KHZ/0.25V
HSMRH4D28-681K	680	253.0	0.10	1KHZ/0.25V

# HSMRH5D18 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH5D18-1R0M	1.0	18	3.0	1KHZ/0.25V
HSMRH5D18-1R2M	1.2	27	3.0	1KHZ/0.25V
HSMRH5D18-1R8M	1.8	38	2.9	1KHZ/0.25V
HSMRH5D18-2R2M	2.2	45	2.6	1KHZ/0.25V
HSMRH5D18-2R7M	2.7	50	2.4	1KHZ/0.25V
HSMRH5D18-3R3M	3.3	53	2.00	1KHZ/0.25V
HSMRH5D18-3R9M	3.9	55	2.0	1KHZ/0.25V
HSMRH5D18-4R7M	4.7	60	1.90	1KHZ/0.25V
HSMRH5D18-5R6M	5.4	76	1.60	1KHZ/0.25V
HSMRH5D18-6R8M	6.8	105	1.40	1KHZ/0.25V
HSMRH5D18-8R2M	8.2	110	1.25	1KHZ/0.25V
HSMRH5D18-100M	10	124	1.20	1KHZ/0.25V
HSMRH5D18-120M	12	153	1.10	1KHZ/0.25V
HSMRH5D18-150M	15	186	1.00	1KHZ/0.25V
HSMRH5D18-180M	18	210	0.85	1KHZ/0.25V
HSMRH5D18-220M	22	290	0.80	1KHZ/0.25V
HSMRH5D18-270M	27	370	0.72	1KHZ/0.25V
HSMRH5D18-330M	33	386	0.65	1KHZ/0.25V
HSMRH5D18-390M	39	520	0.57	1KHZ/0.25V
HSMRH5D18-470M	47	595	0.54	1KHZ/0.25V
HSMRH5D18-560M	56	665	0.50	1KHZ/0.25V
HSMRH5D18-680M	68	840	0.43	1KHZ/0.25V
HSMRH5D18-820M	82	978	0.41	1KHZ/0.25V
HSMRH5D18-101K	100	1200	0.36	1KHZ/0.25V
HSMRH5D18-121K	120	1500	0.33	1KHZ/0.25V
HSMRH5D18-151K	150	1710	0.31	1KHZ/0.25V
HSMRH5D18-181K	180	3380	0.21	1KHZ/0.25V
HSMRH5D18-221K	220	4340	0.18	1KHZ/0.25V
HSMRH5D18-271K	370	4630	0.10	1KHZ/0.25V

# HSMRH5D28 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH5D28-1R0M	1.0	8	3.5	1KHZ/0.25V
HSMRH5D28-1R2M	1.2	10	3.0	1KHZ/0.25V
HSMRH5D28-1R8M	1.5	15	3.0	1KHZ/0.25V
HSMRH5D28-2R2M	2.2	17	2.6	1KHZ/0.25V
HSMRH5D28-2R7M	2.7	25	2.5	1KHZ/0.25V
HSMRH5D28-3R3M	3.3	29	2.4	1KHZ/0.25V
HSMRH5D28-3R9M	3.9	31	2.2	1KHZ/0.25V
HSMRH5D28-4R7M	4.7	35	2.0	1KHZ/0.25V
HSMRH5D28-5R6M	5.6	38	1.9	1KHZ/0.25V
HSMRH5D28-6R8M	6.8	45	1.8	1KHZ/0.25V
HSMRH5D28-8R2M	8.2	53	1.6	1KHZ/0.25V
HSMRH5D28-100M	10	65	1.3	1KHZ/0.25V
HSMRH5D28-120M	12	76	1.2	1KHZ/0.25V
HSMRH5D28-150M	15	103	1.1	1KHZ/0.25V
HSMRH5D28-180M	18	110	1.0	1KHZ/0.25V
HSMRH5D28-220M	22	122	0.90	1KHZ/0.25V
HSMRH5D28-270M	27	175	0.85	1KHZ/0.25V
HSMRH5D28-330M	33	189	0.75	1KHZ/0.25V
HSMRH5D28-390M	39	212	0.70	1KHZ/0.25V
HSMRH5D28-470M	47	260	0.62	1KHZ/0.25V
HSMRH5D28-560M	56	305	0.58	1KHZ/0.25V
HSMRH5D28-680M	68	355	0.52	1KHZ/0.25V
HSMRH5D28-820M	82	463	0.46	1KHZ/0.25V
HSMRH5D28-101K	100	520	0.42	1KHZ/0.25V
HSMRH5D28-121K	120	560	0.40	1KHZ/0.25V
HSMRH5D28-151K	150	680	0.35	1KHZ/0.25V
HSMRH5D28-181K	180	930	0.32	1KHZ/0.25V
HSMRH5D28-221K	220	1150	0.30	1KHZ/0.25V
HSMRH5D28-271K	270	1560	0.27	1KHZ/0.25V
HSMRH5D28-331K	330	1980	0.25	1KHZ/0.25V
HSMRH5D28-391K	390	2500	0.22	1KHZ/0.25V
HSMRH5D28-471K	470	2700	0.20	1KHZ/0.25V
HSMRH5D28-561K	560	3120	0.18	1KHZ/0.25V
HSMRH5D28-681K	680	4150	0.16	1KHZ/0.25V

# HSMRH6D28 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH6D28-1R0M	1.0	15	3.0	1KHZ/0.25V
HSMRH6D28-1R2M	1.2	18	3.0	1KHZ/0.25V
HSMRH6D28-1R8M	1.8	20	2.6	1KHZ/0.25V
HSMRH6D28-2R2M	2.2	22	2.8	1KHZ/0.25V
HSMRH6D28-2R7M	2.7	24	2.8	1KHZ/0.25V
HSMRH6D28-3R3M	3.3	26	2.80	1KHZ/0.25V
HSMRH6D28-3R9M	3.9	27	2.60	1KHZ/0.25V
HSMRH6D28-4R7M	4.7	31	2.40	1KHZ/0.25V
HSMRH6D28-5R6M	5.4	35	2.25	1KHZ/0.25V
HSMRH6D28-6R8M	6.8	54	2.10	1KHZ/0.25V
HSMRH6D28-8R2M	8.2	58	1.85	1KHZ/0.25V
HSMRH6D28-100M	10	65	1.70	1KHZ/0.25V
HSMRH6D28-120M	12	70	1.55	1KHZ/0.25V
HSMRH6D28-150M	15	84	1.40	1KHZ/0.25V
HSMRH6D28-180M	18	95	1.32	1KHZ/0.25V
HSMRH6D28-220M	22	128	1.20	1KHZ/0.25V
HSMRH6D28-270M	27	142	1.05	1KHZ/0.25V
HSMRH6D28-330M	33	165	0.97	1KHZ/0.25V
HSMRH6D28-390M	39	210	0.86	1KHZ/0.25V
HSMRH6D28-470M	47	238	0.80	1KHZ/0.25V
HSMRH6D28-560M	56	277	0.73	1KHZ/0.25V
HSMRH6D28-680M	68	304	0.65	1KHZ/0.25V
HSMRH6D28-820M	82	390	0.60	1KHZ/0.25V
HSMRH6D28-101K	100	535	0.54	1KHZ/0.25V
HSMRH6D28-121K	120	750	1.0	1KHZ/0.25V
HSMRH6D28-151K	150	950	0.47	1KHZ/0.25V
HSMRH6D28-181K	180	1200	0.41	1KHZ/0.25V
HSMRH6D28-221K	220	1500	0.37	1KHZ/0.25V
HSMRH6D28-271K	270	1700	0.33	1KHZ/0.25V
HSMRH6D28-331K	330	2150	0.28	1KHZ/0.25V
HSMRH6D28-391K	390	2650	0.25	1KHZ/0.25V
HSMRH6D28-471K	470	3150	0.21	1KHZ/0.25V
HSMRH6D28-561K	560	3849	0.20	1KHZ/0.25V
HSMRH6D28-681K	680	5150	0.20	1KHZ/0.25V

# HSMRH6D38 TYPE

## → 电气性能 Electrical Characteristics

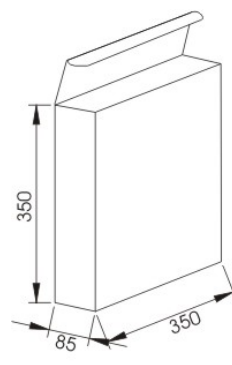
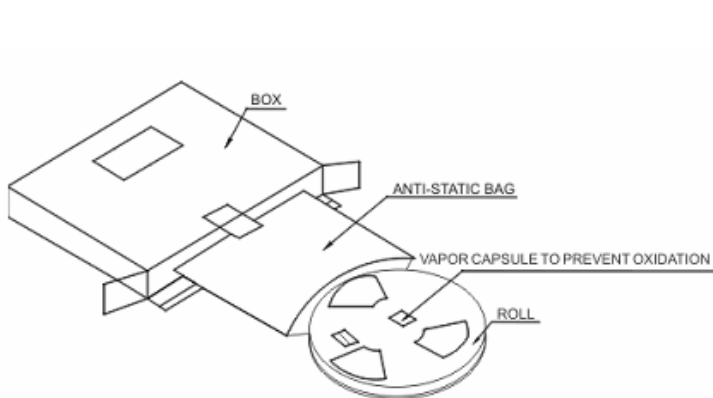
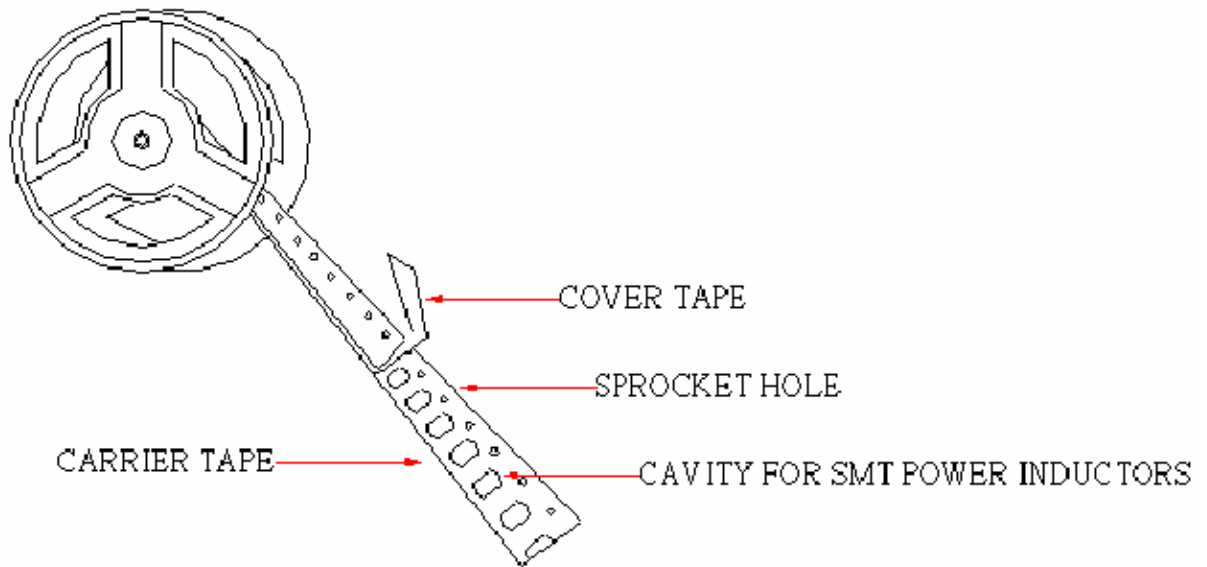
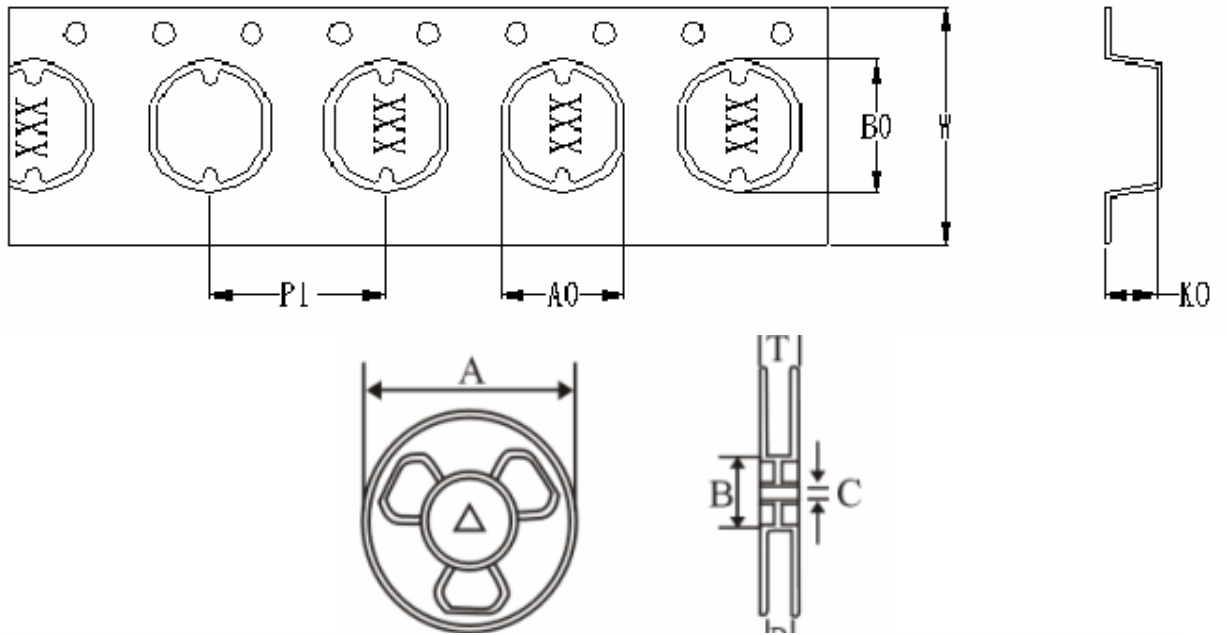
PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH6D38-1R0M	1.0	10	5.30	1KHZ/0.25V
HSMRH6D38-1R2M	1.2	15	5.20	1KHZ/0.25V
HSMRH6D38-1R8M	1.8	16	4.80	1KHZ/0.25V
HSMRH6D38-2R2M	2.2	18	4.50	1KHZ/0.25V
HSMRH6D38-2R7M	2.7	19	4.00	1KHZ/0.25V
HSMRH6D38-3R3M	3.3	20	3.50	1KHZ/0.25V
HSMRH6D38-3R9M	3.9	25	3.00	1KHZ/0.25V
HSMRH6D38-4R7M	4.7	24	2.90	1KHZ/0.25V
HSMRH6D38-5R6M	5.6	27	2.50	1KHZ/0.25V
HSMRH6D38-6R8M	6.8	31	2.30	1KHZ/0.25V
HSMRH6D38-8R2M	8.2	34	2.20	1KHZ/0.25V
HSMRH6D38-100M	10	38	2.00	1KHZ/0.25V
HSMRH6D38-120M	12	53	1.70	1KHZ/0.25V
HSMRH6D38-150M	15	57	1.60	1KHZ/0.25V
HSMRH6D38-180M	18	92	1.50	1KHZ/0.25V
HSMRH6D38-220M	22	96	1.30	1KHZ/0.25V
HSMRH6D38-270M	27	109	1.20	1KHZ/0.25V
HSMRH6D38-330M	33	124	1.10	1KHZ/0.25V
HSMRH6D38-390M	39	138	1.00	1KHZ/0.25V
HSMRH6D38-470M	47	155	0.95	1KHZ/0.25V
HSMRH6D38-560M	56	202	0.85	1KHZ/0.25V
HSMRH6D38-680M	68	234	0.75	1KHZ/0.25V
HSMRH6D38-820M	82	324	0.70	1KHZ/0.25V
HSMRH6D38-101K	100	358	0.65	1KHZ/0.25V
HSMRH6D38-121K	120	470	0.59	1KHZ/0.25V
HSMRH6D38-151K	150	580	0.54	1KHZ/0.25V
HSMRH6D38-181K	180	690	0.49	1KHZ/0.25V
HSMRH6D38-221K	220	890	0.43	1KHZ/0.25V
HSMRH6D38-271K	270	1290	0.40	1KHZ/0.25V
HSMRH6D38-331K	330	1700	0.37	1KHZ/0.25V
HSMRH6D38-391K	390	1750	0.34	1KHZ/0.25V
HSMRH6D38-471K	470	2200	0.32	1KHZ/0.25V
HSMRH6D38-561K	560	2850	0.29	1KHZ/0.25V
HSMRH6D38-681K	680	3200	0.25	1KHZ/0.25V



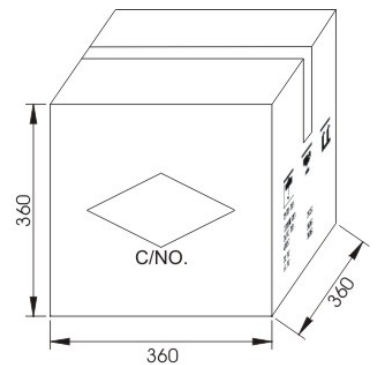
# HSMRH2D/3D/4D/5D/6D/8D/

# TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMRH2D09	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	3
HSMRH2D11	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	3
HSMRH2D14	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	3
HAMRH2D18	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	3
HSMRH3D11	339.5±0.5	102.5±0.5	7.5±0.5	12.6±0.5	14.5±0.5	2
HSMRH3D14	340.2±0.5	102.8±0.5	8.3±0.5	13.2±0.5	14.6±0.5	3
HSMRH3D16	341.3±0.5	102.3±0.5	8.5±0.5	13.6±0.5	14.6±0.5	2
HSMRH3D28	341.5±0.5	102.9±0.5	7.6±0.5	13.5±0.5	15.0±0.5	1.5
HSMRH4D18	341.6±0.5	103.5±0.5	7.5±0.5	13.8±0.5	16.5±0.5	2
HSMRH4D28	341.6±0.5	103.5±0.5	7.5±0.5	13.8±0.5	16.5±0.5	2
HSMRH5D18	341.3±0.5	103.9±0.5	8.2±0.5	13.6±0.5	16.8±0.5	1.5/2
HSMRH5D28	342.5±0.5	103.8±0.5	8.3±0.5	13.4±0.5	17.0±0.5	1.5/2
HSMRH6D28	342.5±0.5	104.0±0.5	8.6±0.5	13.9±0.5	24.3±0.5	1
HSMRH6D38	342.8±0.5	104.5±0.5	8.9±0.5	14.2±0.5	25.3±0.5	1

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMRH2D09	5.2±0.5	4.2±0.5	4.2±0.5	5.2±0.5	1.0±0.5	3
HSMRH2D11	5.3±0.5	4.3±0.5	4.3±0.5	5.3±0.5	1.2±0.5	3
HSMRH2D14	5.6±0.5	4.2±0.5	4.2±0.5	5.6±0.5	1.5±0.5	3
HAMRH2D18	5.5±0.5	4.3±0.5	4.3±0.5	5.5±0.5	1.9±0.5	3
HSMRH3D11	7.5±0.5	4.6±0.5	4.6±0.5	7.5±0.5	1.2±0.5	2
HSMRH3D14	7.6±0.5	4.5±0.5	4.5±0.5	7.6±0.5	1.5±0.5	3
HSMRH3D16	7.5±0.5	4.8±0.5	4.8±0.5	7.5±0.5	1.6±0.5	2
HSMRH3D28	7.3±0.5	4.8±0.5	4.8±0.5	7.3±0.5	2.5±0.5	1.5
HSMRH4D18	8.3±0.5	5.5±0.5	5.5±0.5	8.3±0.5	1.6±0.5	2
HSMRH4D28	8.3±0.5	5.5±0.5	5.5±0.5	8.3±0.5	1.6±0.5	2
HSMRH5D18	11.3±0.5	6.3±0.5	6.3±0.5	11.3±0.5	1.6±0.5	1.5/2
HSMRH5D28	10.8±0.5	6.5±0.5	6.5±0.5	10.8±0.5	2.7±0.5	1.5/2
HSMRH6D28	13.5±0.5	7.8±0.5	7.8±0.5	13.5±0.5	2.8±0.5	1
HSMRH6D38	13.5±0.5	8.0±0.5	8.0±0.5	13.5±0.5	3.6±0.5	1



ROHS compliant(SGS Ceetifiend Result

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

# HSMRH8D28/38/43/58

# TYPE

## PART NUMBERING SYSTEM(品名系列)

HSMRH    8D38    -330    N    -T/B

①

②

③

④

⑤

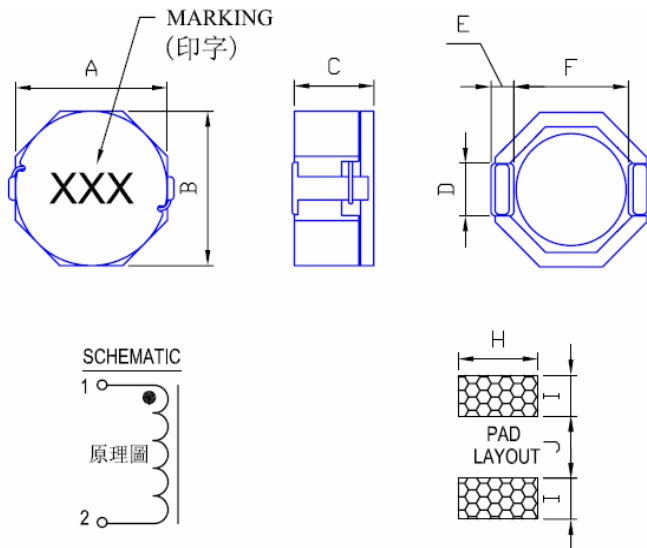
①. 产品类型：产品代码。

②. 产品尺寸：DR 和 RI 的尺寸。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30%。

⑤. 包装方式：“T”：载带盘装，B:散装



PART NO. 品名	A(max)	B(max)	C(max)	D(max)	H	I	J
HSMRH8D28	8.3	8.3	3.0	2.5	2.8	2.0	6.1
HSMRH8D38	8.3	8.3	4.0	2.6	2.8	2.0	6.1
HSMRH8D43	8.3	8.3	4.5	3.0	2.8	2.0	6.1
HSMRH8D58	8.3	8.3	6.0	3.2	2.8	2.00	6.1

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

1) 闭磁路设计，耐大电流.低直流电阻。

2) .广泛应用于电源设备.数码相机.扫描仪.升降转换.DVD 播放器.笔记本电脑.主板.显卡等。

# HSMRH8D28 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM8D28-1R2M	1.2	9.5	5.0	1KHZ/0.25V
HSM8D28-1R8M	1.8	11	4.8	1KHZ/0.25V
HSM8D28-2R0M	2.0	13	4.7	1KHZ/0.25V
HSM8D28-2R5M	2.5	15.6	4.5	1KHZ/0.25V
HSM8D28-2R7M	2.7	16	4.3	1KHZ/0.25V
HSM8D28-2R8M	2.8	16	4.3	1KHZ/0.25V
HSM8D28-3R3M	3.3	18.2	4.0	1KHZ/0.25V
HSM8D28-3R5M	3.5	19	3.8	1KHZ/0.25V
HSM8D28-3R9M	3.9	22	3.8	1KHZ/0.25V
HSM8D28-4R7M	4.7	24.7	3.4	1KHZ/0.25V
HSM8D28-5R0M	5.0	26	3.4	1KHZ/0.25V
HSM8D28-6R0M	6.0	28	3.4	1KHZ/0.25V
HSM8D28-6R2M	6.2	30	3.5	1KHZ/0.25V
HSM8D28-6R8M	6.8	37	3.0	1KHZ/0.25V
HSM8D28-7R3M	7.3	39	2.8	1KHZ/0.25V
HSM8D28-100M	10	47	2.5	1KHZ/0.25V
HSM8D28-150M	15	69	1.9	1KHZ/0.25V
HSM8D28-220M	22	99	1.6	1KHZ/0.25V
HSM8D28-330M	33	156	1.3	1KHZ/0.25V
HSM8D28-470M	47	195	1.15	1KHZ/0.25V
HSM8D28-680M	68	286	0.92	1KHZ/0.25V
HSM8D28-101K	100	430	0.75	1KHZ/0.25V

# HSMRH8D38 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM8D38-1R2M	1.2	10.3	8.0	1KHZ/0.25V
HSM8D38-1R8M	1.8	15.6	7.0	1KHZ/0.25V
HSM8D38-2R0M	2.0	16.0	6.8	1KHZ/0.25V
HSM8D38-2R5M	2.5	17.5	6.5	1KHZ/0.25V
HSM8D38-2R7M	2.7	18.3	5.3	1KHZ/0.25V
HSM8D38-2R8M	2.8	19.5	5.0	1KHZ/0.25V
HSM8D38-3R3M	3.3	20.6	5.0	1KHZ/0.25V
HSM8D38-3R5M	3.5	24	4.8	1KHZ/0.25V
HSM8D38-3R9M	3.9	26.8	4.7	1KHZ/0.25V
HSM8D38-4R7M	4.7	29	4.6	1KHZ/0.25V
HSM8D38-5R0M	5.0	30.5	4.5	1KHZ/0.25V
HSM8D38-6R0M	6.0	32	4.2	1KHZ/0.25V
HSM8D38-6R2M	6.2	35.8	4.0	1KHZ/0.25V
HSM8D38-6R8M	6.8	38.5	3.8	1KHZ/0.25V
HSM8D38-7R3M	7.3	42.5	3.5	1KHZ/0.25V
HSM8D38-100M	10	48	3.0	1KHZ/0.25V
HSM8D38-150M	15	67	2.8	1KHZ/0.25V
HSM8D38-220M	22	105	2.3	1KHZ/0.25V
HSM8D38-330M	33	157	1.8	1KHZ/0.25V
HSM8D38-470M	47	189	1.52	1KHZ/0.25V
HSM8D38-680M	68	290	1.30	1KHZ/0.25V
HSM8D38-101K	100	410	1.05	1KHZ/0.25V

# HSMRH8D43 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM8D43-1R2M	1.2	8	7.8	1KHZ/0.25V
HSM8D43-1R8M	1.8	10	7.5	1KHZ/0.25V
HSM8D43-2R0M	2.0	14	7.0	1KHZ/0.25V
HSM8D43-2R5M	2.5	16	6.8	1KHZ/0.25V
HSM8D43-2R7M	2.7	16	6.5	1KHZ/0.25V
HSM8D43-2R8M	2.8	17	6.4	1KHZ/0.25V
HSM8D43-3R3M	3.3	17	6.2	1KHZ/0.25V
HSM8D43-3R5M	3.5	18	6.2	1KHZ/0.25V
HSM8D43-3R9M	3.9	19	5.9	1KHZ/0.25V
HSM8D43-4R7M	4.7	22	5.6	1KHZ/0.25V
HSM8D43-5R0M	5.0	23	5.3	1KHZ/0.25V
HSM8D43-6R0M	6.0	23	5.0	1KHZ/0.25V
HSM8D43-6R2M	6.2	24	4.6	1KHZ/0.25V
HSM8D43-6R8M	6.8	25	4.4	1KHZ/0.25V
HSM8D43-7R3M	7.3	32	4.2	1KHZ/0.25V
HSM8D43-100M	10	36	4.0	1KHZ/0.25V
HSM8D43-150M	15	53	2.9	1KHZ/0.25V
HSM8D43-220M	22	72	2.6	1KHZ/0.25V
HSM8D43-330M	33	125	2.2	1KHZ/0.25V
HSM8D43-470M	47	150	1.8	1KHZ/0.25V
HSM8D43-680M	68	240	1.5	1KHZ/0.25V
HSM8D43-101K	100	360	1.3	1KHZ/0.25V

# HSMRH8D58 TYPE

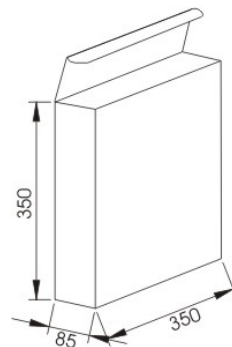
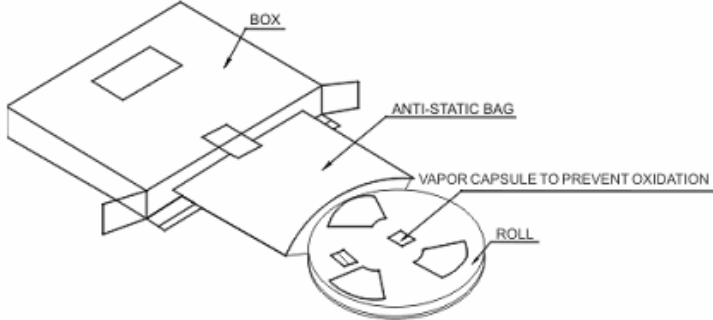
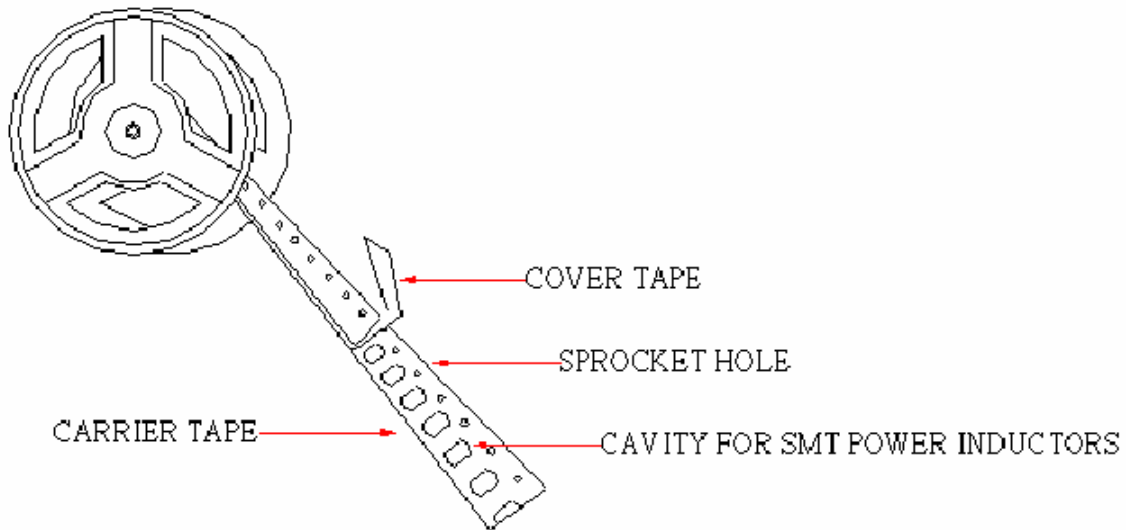
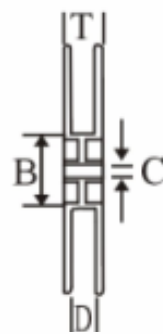
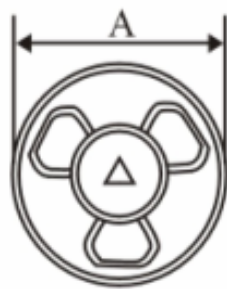
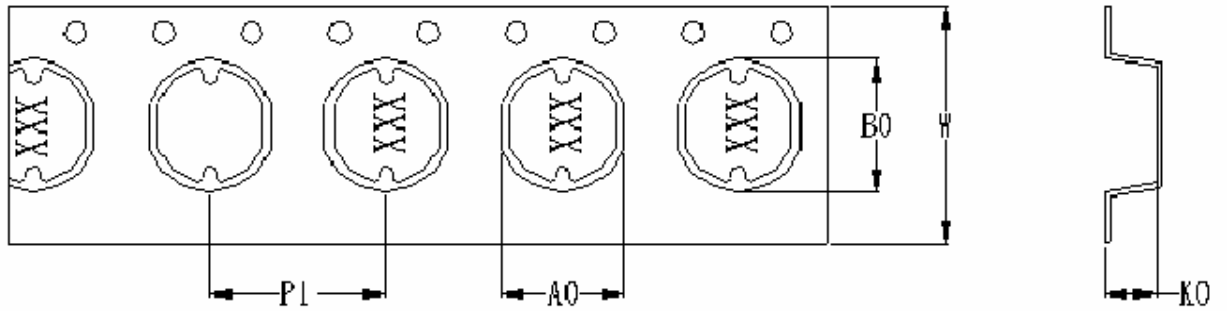
## → 电气性能 Electrical Characteristic

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 △L=10%	TEST FREQ 测试频率
HSM8D58-1R2M	1.2	10.8	5.5	1KHZ/0.25V
HSM8D58-1R8M	1.8	12.5	5.3	1KHZ/0.25V
HSM8D58-2R0M	2.0	14.0	5.0	1KHZ/0.25V
HSM8D58-2R5M	2.5	14.5	5.0	1KHZ/0.25V
HSM8D58-2R7M	2.7	14.8	4.9	1KHZ/0.25V
HSM8D58-2R8M	2.8	15.0	4.7	1KHZ/0.25V
HSM8D58-3R3M	3.3	15.5	4.6	1KHZ/0.25V
HSM8D58-3R5M	3.5	16.0	4.5	1KHZ/0.25V
HSM8D58-3R9M	3.9	16.3	4.1	1KHZ/0.25V
HSM8D58-4R7M	4.7	17.0	4.0	1KHZ/0.25V
HSM8D58-5R0M	5.0	17.5	3.8	1KHZ/0.25V
HSM8D58-6R0M	6.0	18.5	3.5	1KHZ/0.25V
HSM8D58-6R2M	6.2	20.0	3.3	1KHZ/0.25V
HSM8D58-6R8M	6.8	21.3	3.0	1KHZ/0.25V
HSM8D58-7R3M	7.3	22.5	2.8	1KHZ/0.25V
HSM8D58-100M	10	25.6	2.6	1KHZ/0.25V
HSM8D58-150M	15	36.3	2.3	1KHZ/0.25V
HSM8D58-220M	22	45.3	1.7	1KHZ/0.25V
HSM8D58-330M	33	65.3	1.5	1KHZ/0.25V
HSM8D58-470M	47	90.5	1.2	1KHZ/0.25V
HSM8D58-680M	68	130	1.0	1KHZ/0.25V
HSM8D58-101K	100	175	0.8	1KHZ/0.25V

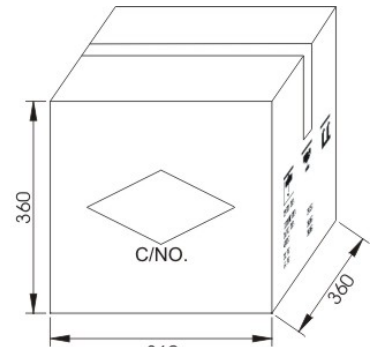
# HSMRH8D28/38/43/58

# TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case



→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMRH8D28	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	1
HSMRH8D38	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	1
HSMRH8D43	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	1
HSMRH8D58	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	1

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMRH8D28	15.2	8.5	8.5	11.3	2.6	3
HSMRH8D38	15.3	8.6	8.6	12.5	3.6	3
HSMRH8D43	15.3	8.5	8.5	12.3	4.2	3
HSMRH8D58	15.6	8.7	8.7	11.6	5.5	3



ROHS compliant(SGS Ceetifiend Result)

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

# HSMRH5D28R/103R/104R/105R

# TYPE

## PART NUMBERING SYSTEM(品名系列)

HSMRH    103R    -680    N    T/B

①

②

③

④

⑤

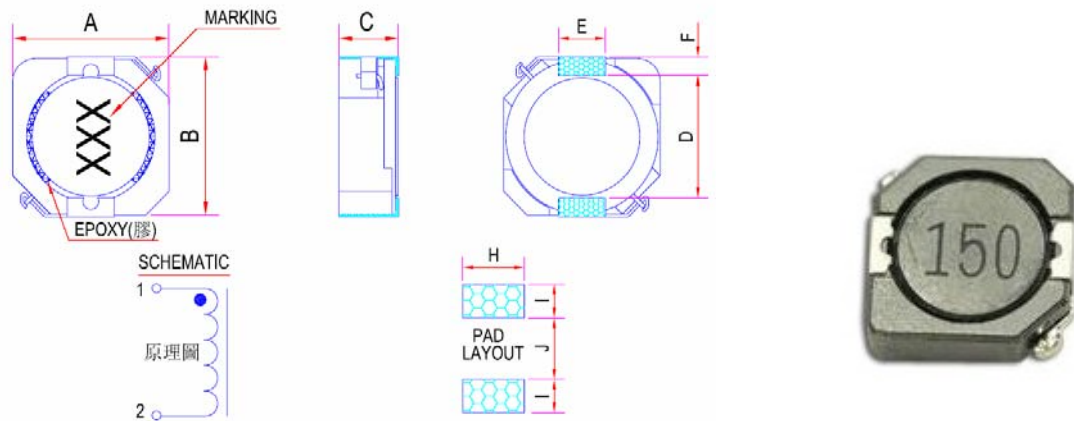
①. 产品类型：产品代码。

②. 产品尺寸：DR 和 RI 的尺寸。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30%。

⑤. 包装方式：“T”：载带盘装，B:散装



## EXTERNAL DIMENSION UNIT:mm(外形尺寸)

产品型号	A(MAX)	B(MAX)	C(MAX)	D	E	F	H	I	J
HSMRH5D28R	6.2	6.3	3.0	4.7	2.0	0.6	2.6	1.0	4.6
HSMRH103R	10.3	10.4	3.0	4.7	3.0	1.2	3.6	1.7	7.3
HSMRH104R	10.3	10.4	4.0	4.7	3.0	1.2	3.6	1.7	7.3
HSMRH105R	10.3	10.4	5.0	4.7	3.0	1.2	3.6	1.7	7.3

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

- (1) 彼磁路大电流表面安装电感。
- (2) 大功率，高饱和电感器，具有低磁漏.低直流电阻.耐大电流之特点。
- (3) 录放影机电源供应器.液晶电视机.手提电脑.移动通讯设备.直流/直流转换器

# HSMRH5D28R TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH5D28R-1R3M	1.3	12.5	3.0	100KHZ/0.1V
HSMRH5D28R-2R5M	2.5	17.6	2.60	100KHZ/0.1V
HSMRH5D28R-3R3M	3.3	20.3	2.30	100KHZ/0.1V
HSMRH5D28R-3R8M	3.8	23.5	2.20	100KHZ/0.1V
HSMRH5D28R-4R0M	4.0	27.0	2.10	100KHZ/0.1V
HSMRH5D28R-5R0M	5.0	31.1	1.85	100KHZ/0.1V
HSMRH5D28R-5R2M	5.2	38.6	1.80	100KHZ/0.1V
HSMRH5D28R-6R0M	6.0	41.9	1.70	100KHZ/0.1V
HSMRH5D28R-7R0M	7.0	46.3	1.60	100KHZ/0.1V
HSMRH5D28R-8R0M	8.0	49.9	1.50	100KHZ/0.1V
HSMRH5D28R-100M	10	54.0	1.30	100KHZ/0.1V
HSMRH5D28R-120M	12	71.6	1.20	100KHZ/0.1V
HSMRH5D28R-150M	15	82.4	1.10	100KHZ/0.1V
HSMRH5D28R-180M	18	101.5	1.05	100KHZ/0.1V
HSMRH5D28R-220M	22	119.0	0.95	100KHZ/0.1V
HSMRH5D28R-270M	27	146.0	0.85	100KHZ/0.1V
HSMRH5D28R-330M	33	182.5	0.76	100KHZ/0.1V
HSMRH5D28R-390M	39	209.5	0.68	100KHZ/0.1V
HSMRH5D28R-470M	47	229.5	0.60	100KHZ/0.1V
HSMRH5D28R-560M	56	305.0	0.55	100KHZ/0.1V
HSMRH5D28R-680M	68	351.0	0.48	100KHZ/0.1V
HSMRH5D28R-820M	82	418.5	0.45	100KHZ/0.1V
HSMRH5D28R-101K	100	520.0	0.40	100KHZ/0.1V
HSMRH5D28R-121K	120	530	0.40	100KHZ/0.1V
HSMRH5D28R-151K	150	560	0.40	100KHZ/0.1V
HSMRH5D28R-181K	180	587.3	0.36	100KHZ/0.1V
HSMRH5D28R-221K	220	593.2	0.36	100KHZ/0.1V
HSMRH5D28R-271K	270	602.3	0.35	100KHZ/0.1V
HSMRH5D28R-331K	330	611.5	0.34	100KHZ/0.1V
HSMRH5D28R-391K	390	620.5	0.33	100KHZ/0.1V
HSMRH5D28R-471K	470	633.2	0.30	100KHZ/0.1V
HSMRH5D28R-561K	560	645.3	0.25	100KHZ/0.1V
HSMRH5D28R-681K	680	652.3	0.25	100KHZ/0.1V
HSMRH5D28R-821K	820	658.1	0.20	100KHZ/0.1V
HSMRH5D28R-102K	1000	686.2	0.15	100KHZ/0.1V

# HSMRH103R TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH103R-1R3M	1.3	18.5	3.50	100KHZ/0.1V
HSMRH5103R-2R5M	2.5	25.5	3.20	100KHZ/0.1V
HSMRH103R-3R3M	3.3	37.8	3.20	100KHZ/0.1V
HSMRH103R-3R8M	3.8	38.7	3.15	100KHZ/0.1V
HSMRH103R-4R0M	4.0	39.5	3.10	100KHZ/0.1V
HSMRH103R-5R0M	5.0	40.6	3.00	100KHZ/0.1V
HSMRH103R-5R2M	5.2	45.2	2.90	100KHZ/0.1V
HSMRH103R-6R0M	6.0	48.3	2.90	100KHZ/0.1V
HSMRH103R-7R0M	7.0	50.8	2.85	100KHZ/0.1V
HSMRH103R-8R0M	8.0	55.6	2.80	100KHZ/0.1V
HSMRH103R-100M	10	58.1	2.70	100KHZ/0.1V
HSMRH103R-120M	12	72.1	2.25	100KHZ/0.1V
HSMRH103R-150M	15	86.5	2.22	100KHZ/0.1V
HSMRH103R-180M	18	116.1	1.90	100KHZ/0.1V
HSMRH103R-220M	22	145.4	1.78	100KHZ/0.1V
HSMRH103R-270M	27	175.4	1.63	100KHZ/0.1V
HSMRH103R-330M	33	213.4	1.50	100KHZ/0.1V
HSMRH103R-390M	39	268.9	1.32	100KHZ/0.1V
HSMRH103R-470M	47	298.6	1.18	100KHZ/0.1V
HSMRH103R-560M	56	335.8	1.10	100KHZ/0.1V
HSMRH103R-680M	68	451.3	1.04	100KHZ/0.1V
HSMRH103R-820M	82	513.8	0.94	100KHZ/0.1V
HSMRH103R-101K	100	700.0	0.84	100KHZ/0.1V
HSMRH103R-121K	120	765.0	0.76	100KHZ/0.1V
HSMRH103R-151K	150	876.3	0.70	100KHZ/0.1V
HSMRH103R-181K	180	885.2	0.65	100KHZ/0.1V
HSMRH103R-221K	220	892.2	0.64	100KHZ/0.1V
HSMRH103R-271K	270	895.6	0.60	100KHZ/0.1V
HSMRH103R-331K	330	915.3	0.55	100KHZ/0.1V
HSMRH103R-391K	390	920.5	0.53	100KHZ/0.1V
HSMRH103R-471K	470	931.5	0.50	100KHZ/0.1V
HSMRH103R-561K	560	935.6	0.46	100KHZ/0.1V
HSMRH103R-681K	680	955.0	0.42	100KHZ/0.1V
HSMRH103R-821K	820	963.2	0.30	100KHZ/0.1V
HSMRH103R-102K	1000	975.3	0.20	100KHZ/0.1V

# HSMRH104R TYPE

## →电气性能 Electrical Characteristics

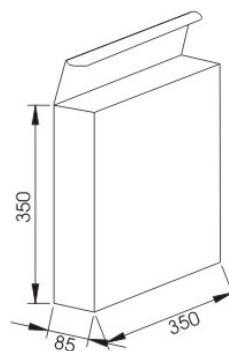
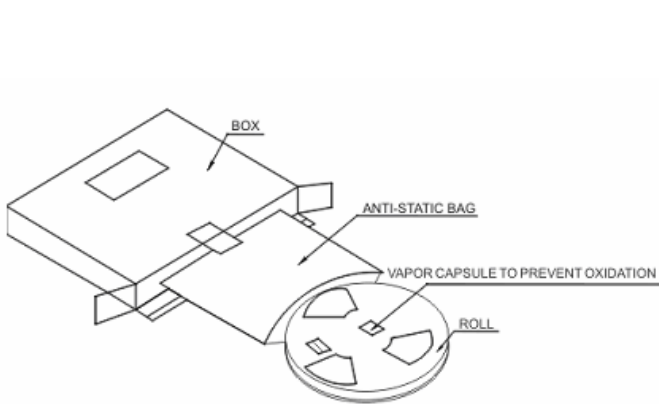
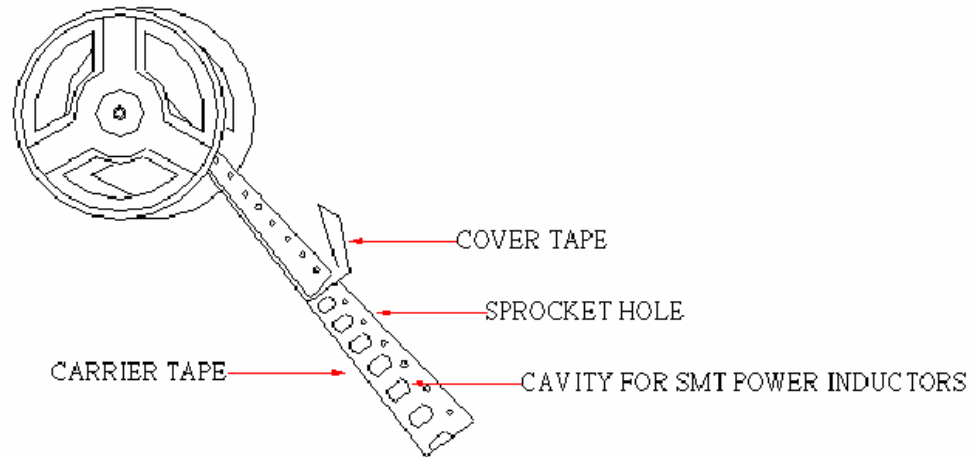
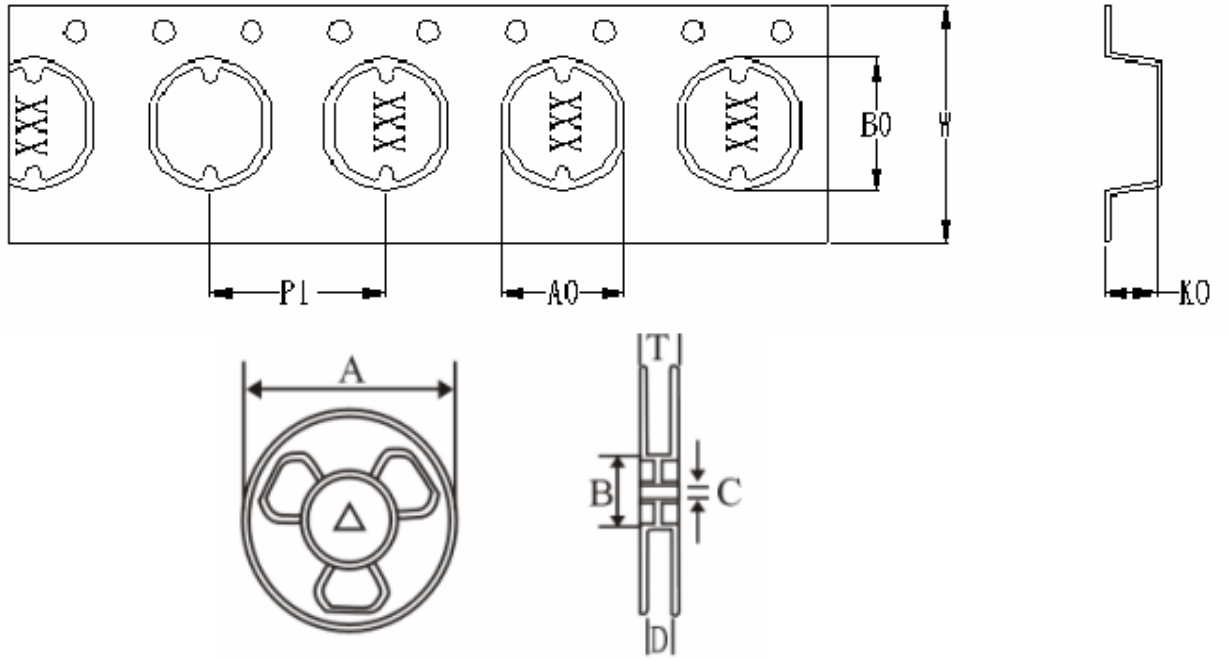
PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH104R-1R3M	1.3	8.1	10.00	100KHZ/0.1V
HSMRH104R-2R5M	2.5	10.0	7.50	100KHZ/0.1V
HSMRH104R-3R3M	3.3	12.0	8.2	100KHZ/0.1V
HSMRH104R-3R8M	3.8	13.0	6.00	100KHZ/0.1V
HSMRH104R-4R0M	4.0	15.3	5.8	100KHZ/0.1V
HSMRH104R-5R0M	5.0	18.5	5.6	100KHZ/0.1V
HSMRH104R-5R2M	5.2	22.0	5.50	100KHZ/0.1V
HSMRH104R-6R0M	6.0	25.6	5.3	100KHZ/0.1V
HSMRH104R-7R0M	7.0	27.0	4.80	100KHZ/0.1V
HSMRH104R-8R0M	8.0	31.5	4.60	100KHZ/0.1V
HSMRH104R-100M	10	35.0	4.40	100KHZ/0.1V
HSMRH104R-120M	12	41.5	4.00	100KHZ/0.1V
HSMRH104R-150M	15	50.0	3.60	100KHZ/0.1V
HSMRH104R-180M	18	65.3	3.00	100KHZ/0.1V
HSMRH104R-220M	22	73.0	2.90	100KHZ/0.1V
HSMRH104R-270M	27	84.2	2.60	100KHZ/0.1V
HSMRH104R-330M	33	93.0	2.30	100KHZ/0.1V
HSMRH104R-390M	39	110.3	2.20	100KHZ/0.1V
HSMRH104R-470M	47	128.0	2.10	100KHZ/0.1V
HSMRH104R-560M	56	189.2	2.00	100KHZ/0.1V
HSMRH104R-680M	68	213.0	1.50	100KHZ/0.1V
HSMRH104R-820M	82	253.5	1.40	100KHZ/0.1V
HSMRH104R-101K	100	304.0	1.35	100KHZ/0.1V
HSMRH104R-121K	120	412.5	1.30	100KHZ/0.1V
HSMRH104R-151K	150	506.0	1.15	100KHZ/0.1V
HSMRH104R-181K	180	645.3	1.00	100KHZ/0.1V
HSMRH104R-221K	220	756.0	0.92	100KHZ/0.1V
HSMRH104R-271K	270	768.5	0.80	100KHZ/0.1V
HSMRH104R-331K	330	1090.0	0.70	100KHZ/0.1V
HSMRH104R-391K	390	1120.0	0.60	100KHZ/0.1V
HSMRH104R-471K	470	1235.0	0.55	100KHZ/0.1V
HSMRH104R-561K	560	1536.2	0.52	100KHZ/0.1V
HSMRH104R-681K	680	1825.3	0.42	100KHZ/0.1V
HSMRH104R-821K	820	2003.5	0.40	100KHZ/0.1V
HSMRH104R-102K	1000	2015.6	0.30	100KHZ/0.1V

# HSMRH105R TYPE

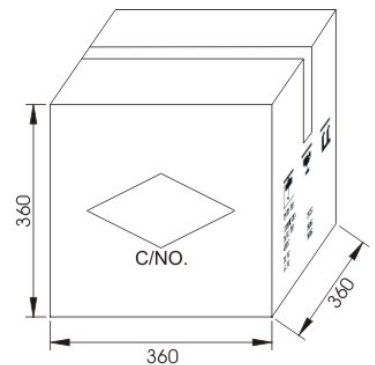
## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMRH105R-1R3M	1.3	8.2	5.00	100KHZ/0.1V
HSMRH105R-2R5M	2.5	9.8	5.00	100KHZ/0.1V
HSMRH105R-3R3M	3.3	9.6	4.80	100KHZ/0.1V
HSMRH105R-3R8M	3.8	10.3	4.50	100KHZ/0.1V
HSMRH105R-4R0M	4.0	11.5	4.20	100KHZ/0.1V
HSMRH105R-5R0M	5.0	12.6	4.00	100KHZ/0.1V
HSMRH105R-5R2M	5.2	14.3	3.90	100KHZ/0.1V
HSMRH105R-6R0M	6.0	16.5	3.80	100KHZ/0.1V
HSMRH105R-7R0M	7.0	18.5	3.65	100KHZ/0.1V
HSMRH105R-8R0M	8.0	20.3	3.50	100KHZ/0.1V
HSMRH105R-100M	10	25.8	3.45	100KHZ/0.1V
HSMRH105R-120M	12	32.0	3.40	100KHZ/0.1V
HSMRH105R-150M	15	40.0	2.83	100KHZ/0.1V
HSMRH105R-180M	18	46.0	2.62	100KHZ/0.1V
HSMRH105R-220M	22	58.5	2.44	100KHZ/0.1V
HSMRH105R-270M	27	65.4	2.24	100KHZ/0.1V
HSMRH105R-330M	33	81.4	1.88	100KHZ/0.1V
HSMRH105R-390M	39	103.1	1.70	100KHZ/0.1V
HSMRH105R-470M	47	122.1	1.56	100KHZ/0.1V
HSMRH105R-560M	56	144.8	1.39	100KHZ/0.1V
HSMRH105R-680M	68	193.0	1.36	100KHZ/0.1V
HSMRH105R-820M	82	219.4	1.20	100KHZ/0.1V
HSMRH105R-101K	100	247.0	1.09	100KHZ/0.1V
HSMRH105R-121K	120	298.4	1.00	100KHZ/0.1V
HSMRH105R-151K	150	355.1	0.91	100KHZ/0.1V
HSMRH105R-181K	180	393.4	0.84	100KHZ/0.1V
HSMRH105R-221K	220	483.8	0.75	100KHZ/0.1V
HSMRH105R-271K	270	632.5	0.68	100KHZ/0.1V
HSMRH105R-331K	330	780.0	0.60	100KHZ/0.1V
HSMRH105R-391K	390	957.5	0.57	100KHZ/0.1V
HSMRH105R-471K	470	1220.4	0.50	100KHZ/0.1V
HSMRH105R-561K	560	1352.4	0.47	100KHZ/0.1V
HSMRH105R-681K	680	1519.2	0.43	100KHZ/0.1V
HSMRH105R-821K	820	1694.4	0.39	100KHZ/0.1V
HSMRH105R-102K	1000	1964.4	0.35	100KHZ/0.1V

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMRH5D28R	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	1.5
HSMRH103R	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	1
HSMRH104R	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	1
HSMRH105R	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	0.8

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMRH5D28R	13.5±0.5	7.2±0.5	6.5±0.5	13.6±0.5	2.5±0.5	1.5
HSMRH103R	22.1±0.5	11.2±0.5	11.3±0.5	13.5±0.5	2.5±0.5	1
HSMRH104R	22.5±0.5	11.3±0.5	11.5±0.5	13.5±0.5	3.6±0.5	1
HSMRH105R	22.6±0.5	11.2±0.5	11.6±0.5	13.8±0.5	4.6±0.5	0.8



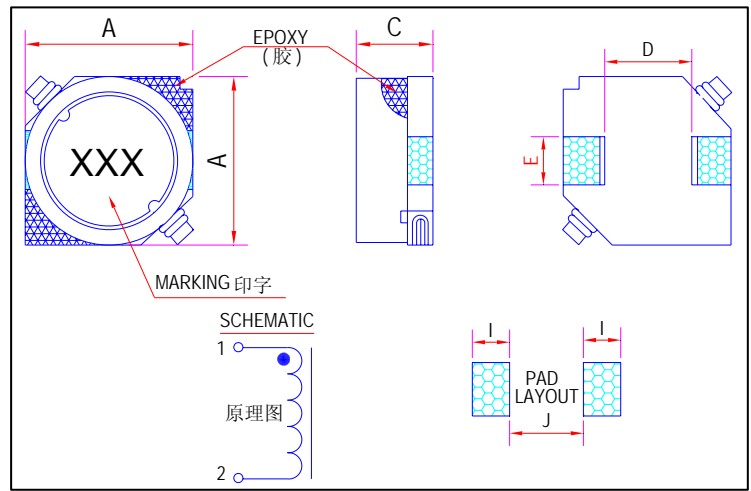
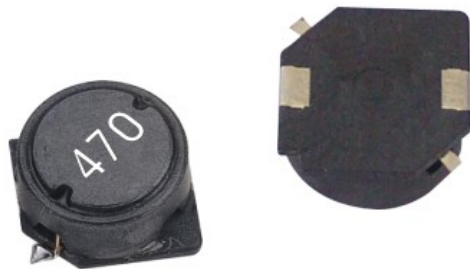
# HSMSLF TYPE

## PART NUMBERING SYSTEM(品名系列)

HSMSLF 0745 151 M T/B



- ①. 产品类型：产品代码。
- ②. 产品尺寸：DR 和 RI 的尺寸。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30%。
- ⑤. 包装方式：“T”：载带盘装，B:散装



产品型号	A	B	C	D	E	H	I	J
HSMSLF0628	3.3	1.1	4.5	1.0	0.7	1.3	1.3	1.7
HSMSLF0728	3.3	1.3	4.5	1.0	0.7	1.3	1.3	1.7
HSMSLF0730	3.3	1.6	4.5	1.0	0.7	1.3	1.3	1.7
HSMSLF0732	3.3	2.0	4.5	1.0	0.7	1.3	1.3	1.7
HSMSLF0745	4.0	1.4	5.5	1.0	0.7	1.3	1.3	1.7
HSMSLF1045	4.0	1.7	5.5	1.2	3.7	4.5	1.5	1.2
HSMSLF1255	4.0	2.0	5.5	1.2	3.7	4.5	1.5	1.2
HSMSLF1265	4.0	3.1	5.5	1.2	3.7	4.5	1.5	1.2
HSMSLF1275	5.0	2.0	6.9	1.5	4.5	5.3	1.9	1.5

### 特长及应用 Features & Applications

- (1) .平底表面.安装牢固.适合表面贴装。
- (2) .闭磁路构造设计.具有低磁漏.低直流电阻.耐高电流的特点。
- (3) 广泛应用于移动电话.数码相继.笔记型电脑.直流转换器等。

# HSMSLF0732 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 饱和耐电流 ΔL=10%	IRMS(A) Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSMSLF0732-3R3M	3.3	0.023	1.90	1.90	1KHZ/0.25V
HSMSLF0732-4R7M	4.7	0.036	1.70	1.70	1KHZ/0.25V
HSMSLF0732-6R8M	6.8	0.041	1.60	1.60	1KHZ/0.25V
HSMSLF0732-100M	10	0.053	1.40	1.40	1KHZ/0.25V
HSMSLF0732-150M	15	0.075	1.10	1.10	1KHZ/0.25V
HSMSLF0732-220M	22	0.11	0.96	0.96	1KHZ/0.25V
HSMSLF0732-330M	33	0.16	0.75	0.75	1KHZ/0.25V
HSMSLF0732-470M	47	0.24	0.67	0.67	1KHZ/0.25V
HSMSLF0732-680M	68	0.31	0.59	0.59	1KHZ/0.25V
HSMSLF0732-101M	100	0.45	0.45	0.45	1KHZ/0.25V
HSMSLF0732-151M	150	0.65	0.37	0.37	1KHZ/0.25V
HSMSLF0732-221M	220	1.05	0.29	0.29	1KHZ/0.25V
HSMSLF0732-331M	330	1.67	0.22	0.22	1KHZ/0.25V
HSMSLF0732-471M	470	2.05	0.20	2.00	1KHZ/0.25V
HSMSLF0732-681M	680	3.15	0.16	0.16	1KHZ/0.25V
HSMSLF0732-102M	1000	4.78	0.13	0.13	1KHZ/0.25V
HSMSLF0732-152M	1500	6.30	0.10	0.10	1KHZ/0.25V

# HSMSLF0745 TYPE

## → 电气性能 Electrical Characteristics

PART NO.品名	INDUCTANC E(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 饱和耐电流 ΔL=10%	IRMS(A) Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSMSLF0745-3R3M	3.3	0.020	2.50	2.3	1KHZ/0.25V
HSMSLF0745-4R7M	4.7	0.030	2.00	2.1	1KHZ/0.25V
HSMSLF0745-6R8M	6.8	0.039	1.70	1.74	1KHZ/0.25V
HSMSLF0745-100M	10	0.036	1.30	1.78	1KHZ/0.25V
HSMSLF0745-150M	15	0.052	1.10	1.53	1KHZ/0.25V
HSMSLF0745-220M	22	0.061	0.90	1.34	1KHZ/0.25V
HSMSLF0745-330M	33	0.096	0.82	1.09	1KHZ/0.25V
HSMSLF0745-470M	47	0.125	0.75	0.92	1KHZ/0.25V
HSMSLF0745-680M	68	0.175	0.60	0.77	1KHZ/0.25V
HSMSLF0745-101M	100	0.25	0.50	0.65	1KHZ/0.25V
HSMSLF0745-151M	150	0.34	0.40	0.55	1KHZ/0.25V
HSMSLF0745-221M	220	0.52	0.33	0.45	1KHZ/0.25V
HSMSLF0745-331M	330	0.74	0.25	0.37	1KHZ/0.25V
HSMSLF0745-471M	470	1.05	0.22	0.31	1KHZ/0.25V
HSMSLF0745-681M	680	1.48	0.20	0.27	1KHZ/0.25V
HSMSLF0745-102M	1000	2.28	0.14	0.25	1KHZ/0.25V
HSMSLF0745-152M	1500	2.60	0.10	0.10	1KHZ/0.25V

# HSMSLF1045 TYPE

## →电气性能 Electrical Characteristics

PART NO.品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 饱和耐电流 ΔL=10%	IRMS(A) Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSMSLF1045-3R3M	3.3	0.020	3.30	3.00	1KHZ/0.25V
HSMSLF1045-4R7M	4.7	0.026	3.00	2.70	1KHZ/0.25V
HSMSLF1045-6R8M	6.8	0.030	2.80	2.60	1KHZ/0.25V
HSMSLF1045-100M	10	0.036	3.00	2.50	1KHZ/0.25V
HSMSLF1045-150M	15	0.047	2.40	2.20	1KHZ/0.25V
HSMSLF1045-220M	22	0.059	2.10	1.90	1KHZ/0.25V
HSMSLF1045-330M	33	0.082	1.60	1.70	1KHZ/0.25V
HSMSLF1045-470M	47	0.10	1.40	1.50	1KHZ/0.25V
HSMSLF1045-680M	68	0.14	1.20	1.30	1KHZ/0.25V
HSMSLF1045-101K	100	0.20	1.00	1.10	1KHZ/0.25V
HSMSLF1045-151K	150	0.35	0.79	0.81	1KHZ/0.25V
HSMSLF1045-221K	220	0.47	0.65	0.70	1KHZ/0.25V
HSMSLF1045-331K	330	0.68	0.54	0.58	1KHZ/0.25V
HSMSLF1045-471K	470	1.03	0.47	0.47	1KHZ/0.25V
HSMSLF1045-681K	680	1.60	0.38	0.38	1KHZ/0.25V
HSMSLF1045-102K	1000	2.80	0.32	0.29	1KHZ/0.25V
HSMSLF1045-152K	1500	3.40	0.35	0.26	1KHZ/0.25V

# HSMSLF1255 TYPE

## →电气性能 Electrical Characteristics

PART NO.品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 饱和耐电流 ΔL=10%	IRMS(A) Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSMSLF1255-1R2M	1.2	9.4	6.0	8.2	1KHZ/0.25V
HSMSLF1255-2R0M	2.0	10.6	5.5	8.0	1KHZ/0.25V
HSMSLF1255-2R7M	2.7	11.8	5.2	7.0	1KHZ/0.25V
HSMSLF1255-3R9M	3.9	12.5	4.5	6.7	1KHZ/0.25V
HSMSLF1255-4R2M	4.2	14.3	4.3	6.5	1KHZ/0.25V
HSMSLF1255-5R6M	5.6	15.3	4.0	6.3	1KHZ/0.25V
HSMSLF1255-6R0M	6.0	16.4	3.6	6.0	1KHZ/0.25V
HSMSLF1255-6R8M	6.8	17.8	3.5	5.9	1KHZ/0.25V
HSMSLF1255-7R0M	7.0	18.5	3.5	5.7	1KHZ/0.25V
HSMSLF1255-100M	10	21.5	3.4	5.4	1KHZ/0.25V
HSMSLF1255-150M	15	25.9	2.8	5.0	1KHZ/0.25V
HSMSLF1255-220M	22	33.8	2.3	4.0	1KHZ/0.25V
HSMSLF1255-330M	33	41.5	1.9	3.4	1KHZ/0.25V
HSMSLF1255-470M	47	61.8	1.6	3.0	1KHZ/0.25V
HSMSLF1255-680M	68	83.2	1.3	2.4	1KHZ/0.25V
HSMSLF1255-101K	100	117	1.1	1.9	1KHZ/0.25V
HSMSLF1255-151K	150	190	0.88	1.6	1KHZ/0.25V
HSMSLF1255-221K	220	270	0.72	1.3	1KHZ/0.25V
HSMSLF1255-331K	330	410	0.59	1.2	1KHZ/0.25V
HSMSLF1255-471K	470	520	0.49	1.0	1KHZ/0.25V
HSMSLF1255-681K	680	760	0.43	0.8	1KHZ/0.25V
HSMSLF1255-102K	1000	1120	0.34	0.6	1KHZ/0.25V
HSMSLF1255-152K	1500	1730	0.29	0.5	1KHZ/0.25V

# HSMSLF1265 TYPE

## →电气性能 Electrical Characteristics

PART NO.品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 饱和耐电流 ΔL=10%	IRMS(A) Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSMSLF1265-1R2M	1.2	9.5	12.0	10.3	1KHZ/0.25V
HSMSLF1265-2R0M	2.0	11.7	10.0	6.2	1KHZ/0.25V
HSMSLF1265-2R7M	2.7	12.5	9.5	8.3	1KHZ/0.25V
HSMSLF1265-3R9M	3.9	13.6	9.0	7.6	1KHZ/0.25V
HSMSLF1265-4R2M	4.2	15.0	7.3	5.5	1KHZ/0.25V
HSMSLF1265-5R6M	5.6	15.6	6.5	5.3	1KHZ/0.25V
HSMSLF1265-6R0M	6.0	16.5	6.0	5.3	1KHZ/0.25V
HSMSLF1265-6R8M	6.8	17.3	5.8	5.2	1KHZ/0.25V
HSMSLF1265-7R0M	7.0	17.7	5.7	5.0	1KHZ/0.25V
HSMSLF1265-100M	10	20.2	5.0	4.8	1KHZ/0.25V
HSMSLF1265-150M	15	23.7	4.2	4.4	1KHZ/0.25V
HSMSLF1265-220M	22	31.6	3.5	3.8	1KHZ/0.25V
HSMSLF1265-330M	33	40.6	2.8	3.4	1KHZ/0.25V
HSMSLF1265-470M	47	57.8	2.4	2.8	1KHZ/0.25V
HSMSLF1265-680M	68	78.7	2.0	2.4	1KHZ/0.25V
HSMSLF1265-101K	100	123	1.6	1.9	1KHZ/0.25V
HSMSLF1265-151K	150	273	1.0	1.2	1KHZ/0.25V
HSMSLF1265-221K	220	283.2	0.95	1.0	1KHZ/0.25V
HSMSLF1265-331K	330	285.6	0.90	0.9	1KHZ/0.25V
HSMSLF1265-471K	470	291.3	0.85	0.85	1KHZ/0.25V
HSMSLF1265-681K	680	305.3	0.80	0.72	1KHZ/0.25V
HSMSLF1265-102K	1000	356.8	0.70	0.70	1KHZ/0.25V
HSMSLF1265-152K	1500	385.6	0.68	0.55	1KHZ/0.25V

# HSMSLF1275 TYPE

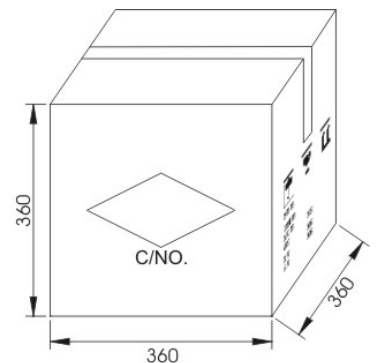
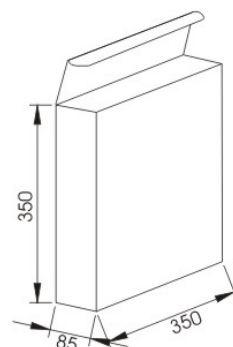
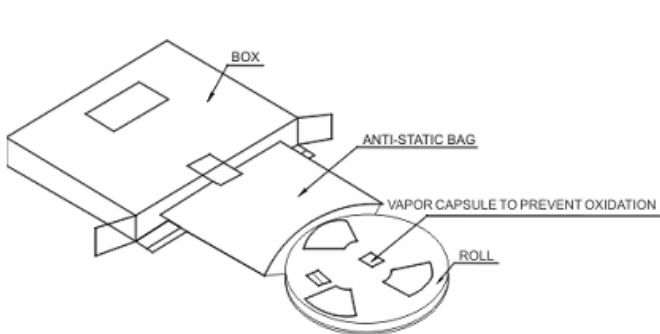
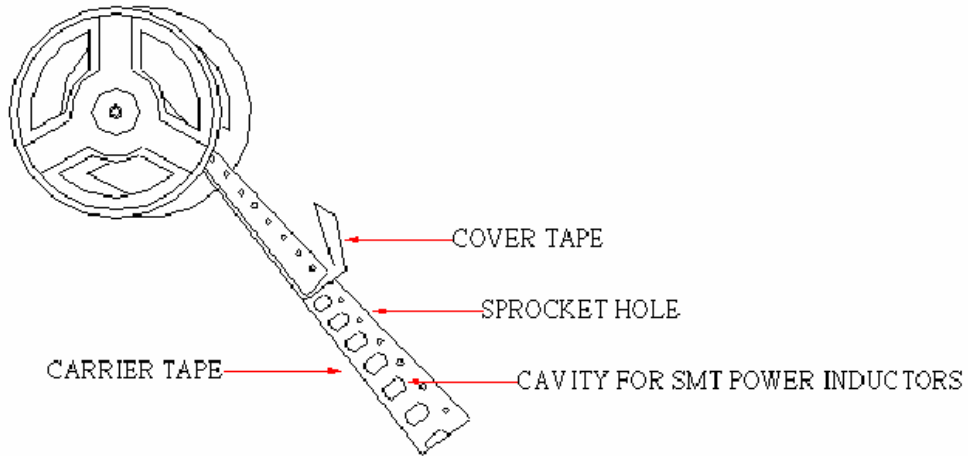
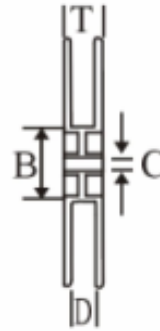
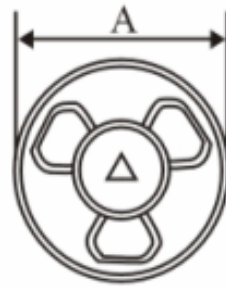
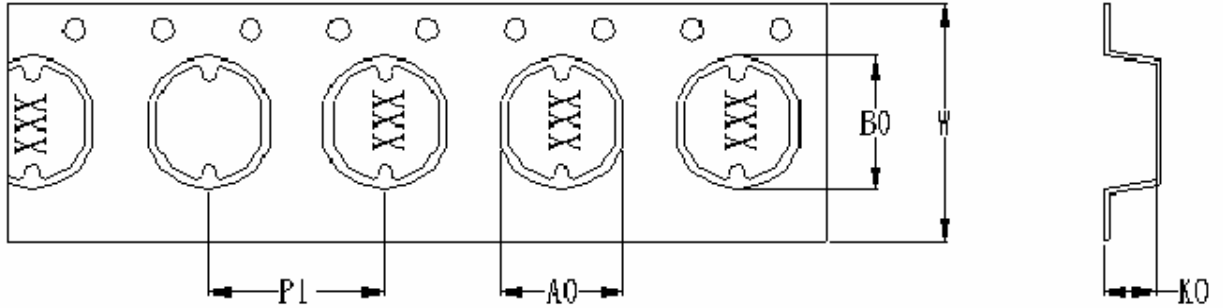
## →电气性能 Electrical Characteristics

PART NO.品名	INDUCTANCE(uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 饱和耐电流 ΔL=10%	IRMS(A) Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSMSLF1275-1R2M	1.2	10.5	11.5	6.5	1KHZ/0.25V
HSMSLF1275-2R0M	2.0	11.7	10.0	6.2	1KHZ/0.25V
HSMSLF1275-2R7M	2.7	12.6	9.5	6.0	1KHZ/0.25V
HSMSLF1275-3R9M	3.9	14.3	8.5	5.8	1KHZ/0.25V
HSMSLF1275-4R2M	4.2	15.0	7.3	5.5	1KHZ/0.25V
HSMSLF1275-5R6M	5.6	15.5	7.0	5.3	1KHZ/0.25V
HSMSLF1275-6R0M	6.0	16.0	6.8	5.2	1KHZ/0.25V
HSMSLF1275-6R8M	6.8	16.5	6.5	5.0	1KHZ/0.25V
HSMSLF1275-7R0M	7.0	17.7	5.7	5.0	1KHZ/0.25V
HSMSLF12475-100M	10	20.2	5.0	4.8	1KHZ/0.25V
HSMSLF1275-150M	15	23.7	4.2	4.4	1KHZ/0.25V
HSMSLF1275-220M	22	31.6	3.5	3.8	1KHZ/0.25V
HSMSLF1275-330M	33	40.6	2.8	3.4	1KHZ/0.25V
HSMSLF1275-470M	47	57.8	2.4	2.8	1KHZ/0.25V
HSMSLF1275-680M	68	78.7	2.0	2.4	1KHZ/0.25V
HSMSLF1275-101K	100	123	1.6	1.9	1KHZ/0.25V
HSMSLF1275-151K	150	273	1.0	1.2	1KHZ/0.25V
HSMSLF1275-221K	220	285.3	0.8	1.0	1KHZ/0.25V
HSMSLF1275-331K	330	295.3	0.7	0.95	1KHZ/0.25V
HSMSLF1275-471K	470	302.5	0.6	0.90	1KHZ/0.25V
HSMSLF1275-681K	680	322.5	0.55	0.85	1KHZ/0.25V
HSMSLF1275-102K	1000	335.6	0.45	0.75	1KHZ/0.25V
HSMSLF1275-152K	1500	362.5	0.40	0.60	1KHZ/0.25V

# HSMRH2D28R/103/104/105R

# TYPE

→ (包装方式)



Inner cartonbox

Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMSLF0628	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	2
HSMSLF0728	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	2
HSMSLF0730	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	2
HSMSLF0732	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	2
HSMSLF0745	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	2
HSMSLF1045	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	1
HSMSLF1255	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	1
HSMSLF1265	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	0.5
HSMSLF1275	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	0.5

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMSLF0628	11.50±0.5	6.50±0.5	6.50±0.5	11.50±0.5	2.6±0.5	2
HSMSLF0728	13.20±0.5	7.30±0.5	7.30±0.5	13.20±0.5	2.6±0.5	2
HSMSLF0730	13.30±0.5	7.30±0.5	7.30±0.5	13.30±0.5	2.8±0.5	2
HSMSLF0732	13.50±0.5	7.35±0.5	7.35±0.5	13.50±0.5	2.9±0.5	2
HSMSLF0745	13.30±0.5	7.50±0.5	7.50±0.5	13.30±0.5	4.3±0.5	2
HSMSLF1045	21.30±0.5	11.10±0.5	11.10±0.5	21.30±0.5	42±0.5	1
HSMSLF1255	23.30±0.5	13.14±0.5	13.14±0.5	23.30±0.5	5.0±0.5	1
HSMSLF1265	23.60±0.5	13.20±0.5	13.20±0.5	23.60±0.5	6.0±0.5	0.5
HSMSLF1275	23.40±0.5	13.25±0.5	13.25±0.5	23.40±0.5	7.1±0.5	0.5



ROHS compliant(SGS Ceetifiend Resuit

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd



## PART NUMBERING SYSTEM(品名系列)

HSM    0810F-    331    M    T/B

①

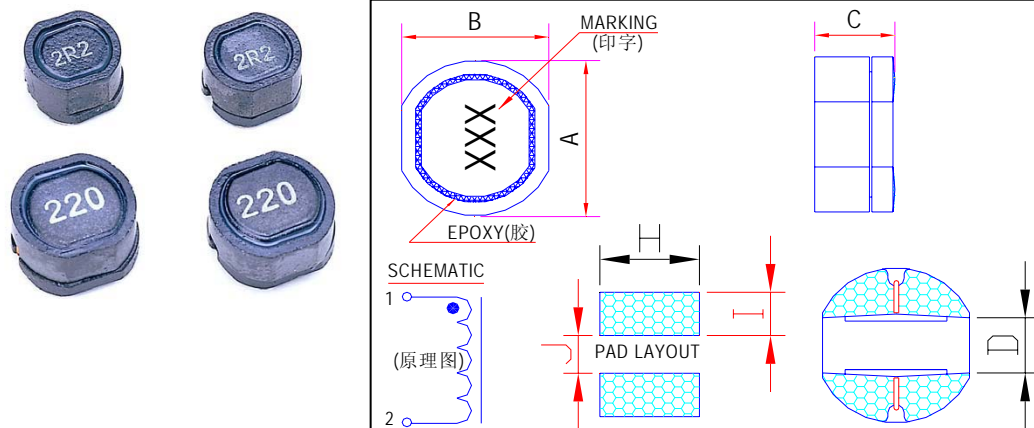
②

③

④

⑤

- ①. 产品类型：产品代码。
- ②. 产品尺寸：外围×高度。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30%。
- ⑤. 包装方式：“T”：载带盘装，B：散装



→ EXTERNAL DIMENSION UNIT:mm(外形尺寸)

Part No.	规格型号			
	HSM63B	HSM74B	HSM105B	HSM125B
A	6.2±0.3	7.8±0.3	10.0±0.4	12.6±0.5
B	5.6±0.3	7.0±0.3	9.0±0.4	11.6±0.5
C	3.2±0.3	4.5±0.4	5.0±0.5	5.4±0.5
D ref	1.7	1.9	2.5	3.0
H	5.5	7.5	9.5	12.0
I	2.3	4.0	5.0	6.0
J	1.7	2.0	2.5	3.0

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

- (1). 镀银电极.低损耗设计.
- (2) 闭磁路设计.具有大功率.低磁漏.耐大电流等特点。
- (3) .广泛应用于高精度的工业设备中。

# HSM63B TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE (uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM63B-100M	10	0.14	1.00	1KHZ/0.25V
HSM63B-120M	12	0.16	0.94	1KHZ/0.25V
HSM63B-150M	15	0.18	0.86	1KHZ/0.25V
HSM63B-180M	18	0.25	0.78	1KHZ/0.25V
HSM63B-220M	22	0.32	0.76	1KHZ/0.25V
HSM63B-270M	27	0.36	0.64	1KHZ/0.25V
HSM63B-330M	33	0.41	0.61	1KHZ/0.25V
HSM63B-390M	39	0.47	0.53	1KHZ/0.25V
HSM63B-470M	47	0.51	0.50	1KHZ/0.25V
HSM63B-560M	56	0.72	0.46	1KHZ/0.25V
HSM63B-680M	68	0.82	0.42	1KHZ/0.25V
HSM63B-820M	82	0.90	0.40	1KHZ/0.25V
HSM63B-101K	100	1.00	0.38	1KHZ/0.25V
HSM63B-121K	120	1.10	0.37	1KHZ/0.25V
HSM63B-151K	150	1.20	0.35	1KHZ/0.25V
HSM63B-181K	180	1.50	0.33	1KHZ/0.25V
HSM63B-221K	220	2.20	0.32	1KHZ/0.25V
HSM63B-271K	270	2.23	0.30	1KHZ/0.25V
HSM63B-331K	330	2.50	0.28	1KHZ/0.25V
HSM63B-391K	390	2.80	0.52	1KHZ/0.25V
HSM63B-471K	470	3.00	0.30	1KHZ/0.25V
HSM63B-561K	560	3.10	0.25	1KHZ/0.25V
HSM63B-681K	680	3.20	0.25	1KHZ/0.25V
HSM63B-821K	820	3.50	0.20	1KHZ/0.25V

# HSM74B TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE (uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM74B-100M	10	0.07	1.65	1KHZ/0.25V
HSM74B-120M	12	0.07	1.57	1KHZ/0.25V
HSM74B-150M	15	0.08	1.39	1KHZ/0.25V
HSM74B-180M	18	0.10	1.29	1KHZ/0.25V
HSM74B-220M	22	0.03	1.12	1KHZ/0.25V
HSM74B-270M	27	0.06	1.06	1KHZ/0.25V
HSM74B-330M	33	0.18	0.97	1KHZ/0.25V
HSM74B-390M	39	0.18	0.91	1KHZ/0.25V
HSM74B-470M	47	0.27	0.80	1KHZ/0.25V
HSM74B-560M	56	0.29	0.76	1KHZ/0.25V
HSM74B-680M	68	0.33	0.68	1KHZ/0.25V
HSM74B-820M	82	0.43	0.62	1KHZ/0.25V
HSM74B-101K	100	0.49	0.55	1KHZ/0.25V
HSM74B-121K	120	0.68	0.49	1KHZ/0.25V
HSM74B-151K	150	0.94	0.44	1KHZ/0.25V
HSM74B-181K	180	1.00	0.40	1KHZ/0.25V
HSM74B-221K	220	1.18	0.36	1KHZ/0.25V
HSM74B-271K	270	1.30	0.33	1KHZ/0.25V
HSM74B-331K	330	1.50	0.30	1KHZ/0.25V
HSM74B-391K	390	2.20	0.28	1KHZ/0.25V
HSM74B-471K	470	2.50	0.25	1KHZ/0.25V
HSM74B-561K	560	2.80	0.20	1KHZ/0.25V
HSM74B-681K	680	3.00	0.15	1KHZ/0.25V
HSM74B-821K	820	3.25	0.10	1KHZ/0.25V

# HSM105B TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE (uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM105B-100M	10	0.06	2.06	1KHZ/0.25V
HSM105B-120M	12	0.07	1.94	1KHZ/0.25V
HSM105B-150M	15	0.07	1.72	1KHZ/0.25V
HSM105B-180M	18	0.08	1.58	1KHZ/0.25V
HSM105B-220M	22	0.08	1.42	1KHZ/0.25V
HSM105B-270M	27	0.10	1.32	1KHZ/0.25V
HSM105B-330M	33	0.11	1.16	1KHZ/0.25V
HSM105B-390M	39	0.12	1.10	1KHZ/0.25V
HSM105B-470M	47	0.14	1.00	1KHZ/0.25V
HSM105B-560M	56	0.19	0.93	1KHZ/0.25V
HSM105B-680M	68	0.21	0.85	1KHZ/0.25V
HSM105B-820M	82	0.28	0.79	1KHZ/0.25V
HSM105B-101K	100	0.34	0.72	1KHZ/0.25V
HSM105B-121K	120	0.37	0.63	1KHZ/0.25V
HSM105B-151K	150	0.51	0.55	1KHZ/0.25V
HSM105B-181K	180	0.57	0.50	1KHZ/0.25V
HSM105B-221K	220	0.78	0.47	1KHZ/0.25V
HSM105B-271K	270	0.87	0.41	1KHZ/0.25V
HSM105B-331K	330	1.20	0.37	1KHZ/0.25V
HSM105B-391K	390	1.30	0.35	1KHZ/0.25V
HSM105B-471K	470	1.50	0.33	1KHZ/0.25V
HSM105B-561K	560	1.60	0.30	1KHZ/0.25V
HSM105B-681K	680	1.80	0.28	1KHZ/0.25V
HSM105B-821K	820	2.00	0.25	1KHZ/0.25V

# HSM125B TYPE

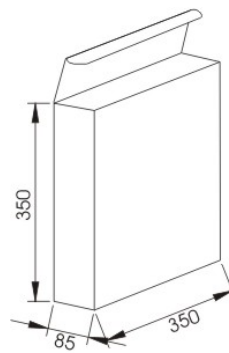
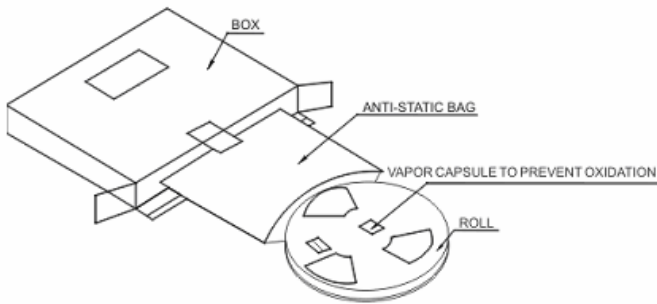
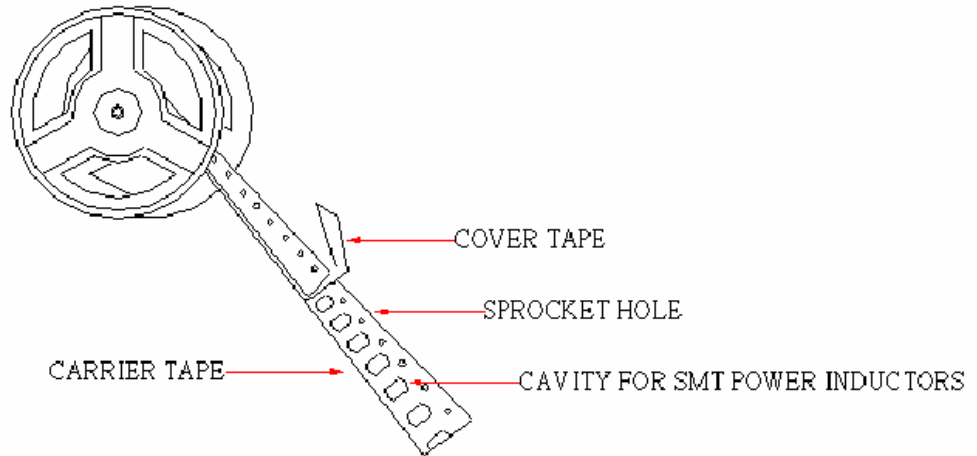
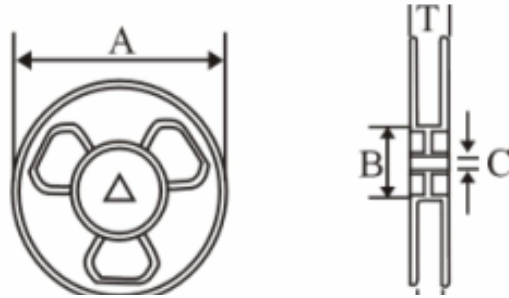
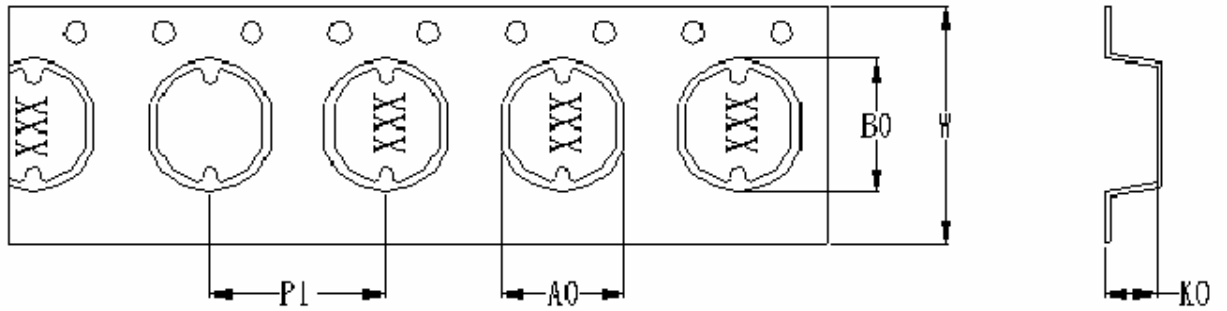
## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE (uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSM125B-100M	10	0.05	2.65	1KHZ/0.25V
HSM125B-120M	12	0.05	2.50	1KHZ/0.25V
HSM125B-150M	15	0.06	2.45	1KHZ/0.25V
HSM125B-180M	18	0.06	2.40	1KHZ/0.25V
HSM125B-220M	22	0.07	2.20	1KHZ/0.25V
HSM125B-270M	27	0.08	2.00	1KHZ/0.25V
HSM125B-330M	33	0.10	1.80	1KHZ/0.25V
HSM125B-390M	39	0.11	1.65	1KHZ/0.25V
HSM125B-470M	47	0.12	1.50	1KHZ/0.25V
HSM125B-560M	56	0.15	1.38	1KHZ/0.25V
HSM125B-680M	68	0.17	1.26	1KHZ/0.25V
HSM125B-820M	82	0.20	1.14	1KHZ/0.25V
HSM125B-101K	100	0.25	1.05	1KHZ/0.25V
HSM125B-121K	120	0.28	0.95	1KHZ/0.25V
HSM125B-151K	150	0.40	0.85	1KHZ/0.25V
HSM125B-181K	180	0.48	0.77	1KHZ/0.25V
HSM15B-221K	220	0.52	0.70	1KHZ/0.25V
HSM125B-271K	270	0.70	0.63	1KHZ/0.25V
HSM125B-331K	330	0.80	0.57	1KHZ/0.25V
HSM125B-391K	390	1.08	0.52	1KHZ/0.25V
HSM125B-471K	470	1.20	0.48	1KHZ/0.25V
HSM125B-561K	560	1.34	0.44	1KHZ/0.25V
HSM125B-681K	680	1.78	0.40	1KHZ/0.25V
HSM125B-821K	820	1.50	0.36	1KHZ/0.25V

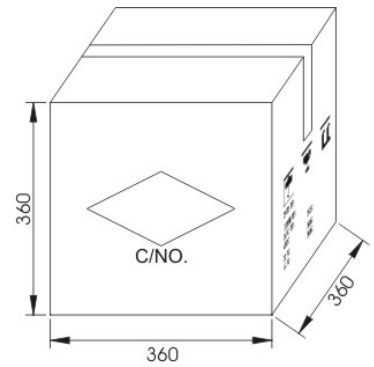
# HSMRH2D28R/103/104/105R

# TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSM63B	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	2
HSM74B	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	1
HSM105B	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	1
HAM125B	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	0.5

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSM63B	9.85±0.5	5.8	6.5	10.2	3.0	2
HSM74B	12.10±0.5	6.5	8.2	13.5	4.1	1
HSM105B	17.30±0.5	8.4	10.3	21.3	4.6	1
HAM125B	20.30±0.5	10.8	13.2	22.5	5.1	0.5



ROHS compliant(SGS Ceetifiend Result)

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

## PART NUMBERING SYSTEM(品名系列)

**HSM 0402C -221- K -T/B**

①

②

③

④

⑤

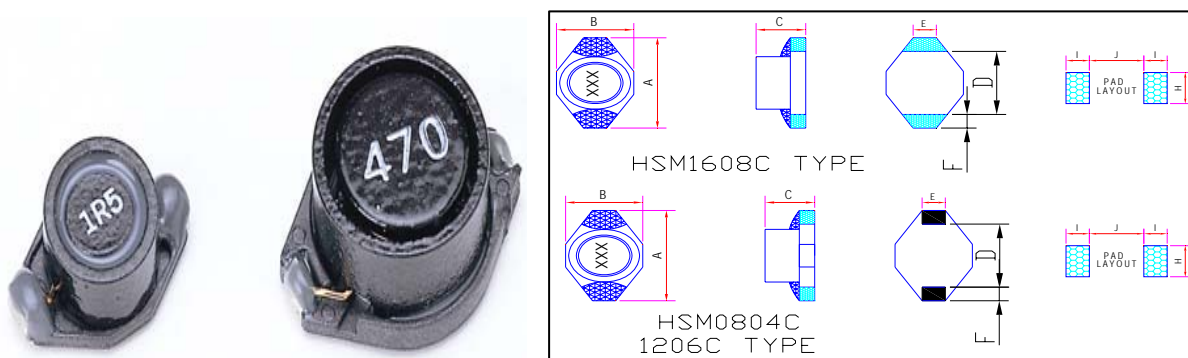
①. 产品类型：产品代码。

②. 产品尺寸：外围×高度。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30

⑤. 包装方式：“T”：载带盘装，B:散装



### →EXTERNAL DIMENSION UNIT:mm(外形尺寸)

Part No.	产品型号		
	HSM0402C	HSM0804C	HSM1206C
A	6.60	12.95	18.54
B	4.45	9.40	15.24
C	2.92	5.08	7.62
D	4.32	7.62	12.70
E	1.27	2.54	2.54
F	1.02	2.54	2.54
H	3.56	2.79	2.79
I	1.40	2.92	2.92
J	4.06	7.37	12.45

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

(1). 表面贴装功率电感.

(2). 闭磁路构造设计.具有电磁屏蔽.低磁漏.低直流电阻.耐高电流等特性.

(3). 应用于移动电话.个人电脑.直流/直流转换器等各种电子设备.



# HSM0402C TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE ( $\mu$ h) 电感值	DCR(Max) ( $m\Omega$ ) 直流电阻	IDC(A)(Max) 饱和耐电流 $\Delta L=10\%$	IRMS(A)\Max $\Delta L=10\%$ 温升电流	TEST FREQ 测试频率
HSM0402C-1R0M	1.0	0.040	3.64	3.00	1KHZ/0.25V
HSM0402C-1R5M	1.5	0.045	2.50	2.30	1KHZ/0.25V
HSM0402C-2R2M	2.2	0.050	2.60	1.80	1KHZ/0.25V
HSM0402C-3R3M	3.3	0.550	1.82	1.60	1KHZ/0.25V
HSM0402C-4R7M	4.7	0.600	1.52	1.40	1KHZ/0.25V
HSM0402C-6R8M	6.8	0.065	1.35	1.20	1KHZ/0.25V
HSM0402C-100M	10	0.075	1.58	1.00	1KHZ/0.25V
HSM0402C-150M	15	0.090	1.20	0.80	1KHZ/0.25V
HSM0402C-220M	22	0.110	1.63	0.70	1KHZ/0.25V
HSM0402C-330M	33	0.190	1.30	0.60	1KHZ/0.25V
HSM0402C-470M	47	0.230	0.85	0.50	1KHZ/0.25V
HSM0402C-680M	68	0.290	0.52	0.40	1KHZ/0.25V
HSM0402C-101K	100	0.480	0.56	0.30	1KHZ/0.25V
HSM0402C-151K	150	0.59	0.45	0.26	1KHZ/0.25V
HSM0402C-221K	220	0.9	0.36	0.22	1KHZ/0.25V
HSM0402C-331K	330	1.4	0.42	0.20	1KHZ/0.25V
HSM0402C-471K	470	1.8	0.33	0.19	1KHZ/0.25V
HSM0402C-681K	680	2.2	0.23	0.18	1KHZ/0.25V
HSM0402C-102K	1000	3.4	0.24	0.15	1KHZ/0.25V
HSM0402C-152K	1500	4.2	0.16	0.12	1KHZ/0.25V
HSM0402C-222K	2200	8.5	0.22	0.10	1KHZ/0.25V
HSM0402C-332K	3300	11.0	0.12	0.08	1KHZ/0.25V
HSM0402C-472K	4700	13.9	0.13	0.06	1KHZ/0.25V
HSM0402C-682K	6800	25.0	0.22	0.04	1KHZ/0.25V
HSM0402C-103K	10000	32.8	0.30	0.02	1KHZ/0.25V

# HSM0804C TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE (uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 饱和耐电流 ΔL=10%	IRMS(A)\Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSM0804C-1R0M	1.0	0.021	5.60	5.0	1KHZ/0.25V
HSM0804C-1R5M	1.5	0.022	5.20	4.5	1KHZ/0.25V
HSM0804C-2R2M	2.2	0.032	5.00	3.80	1KHZ/0.25V
HSM0804C-3R3M	3.3	0.039	3.90	3.30	1KHZ/0.25V
HSM0804C-4R7M	4.7	0.054	3.20	2.70	1KHZ/0.25V
HSM0804C-6R8M	6.8	0.075	2.80	2.20	1KHZ/0.25V
HSM0804C-100M	10	0.101	2.40	2.00	1KHZ/0.25V
HSM0804C-150M	15	0.150	2.00	1.50	1KHZ/0.25V
HSM0804C-220M	22	0.207	1.60	1.30	1KHZ/0.25V
HSM0804C-330M	33	0.334	1.40	1.10	1KHZ/0.25V
HSM0804C-470M	47	0.472	1.00	0.80	1KHZ/0.25V
HSM0804C-680M	68	0.660	0.90	0.70	1KHZ/0.25V
HSM0804C-101K	100	1.110	0.80	0.60	1KHZ/0.25V
HSM0804C-151K	150	1.550	0.60	0.50	1KHZ/0.25V
HSM0804C-221K	220	2.000	0.50	0.37	1KHZ/0.25V
HSM0804C-331K	330	2.800	0.45	0.35	1KHZ/0.25V
HSM0804C-471K	470	0.900	0.45	0.25	1KHZ/0.25V
HSM0804C-681K	680	3.000	0.40	0.23	1KHZ/0.25V
HSM0804C-102K	1000	8.300	0.32	0.17	1KHZ/0.25V
HSM0804C-152K	1500	8.500	0.30	0.15	1KHZ/0.25V
HSM0804C-222K	2200	9.000	0.30	0.15	1KHZ/0.25V
HSM0804C-332K	3300	9.500	0.25	0.10	1KHZ/0.25V
HSM0804C-472K	4700	10.000	0.20	0.10	1KHZ/0.25V
HSM0804C-682K	6800	12.00	0.20	0.10	1KHZ/0.25V
HSM0804C-103K	10000	12.50	0.15	0.10	1KHZ/0.25V

# HSM1206C TYPE

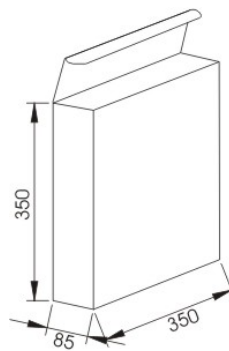
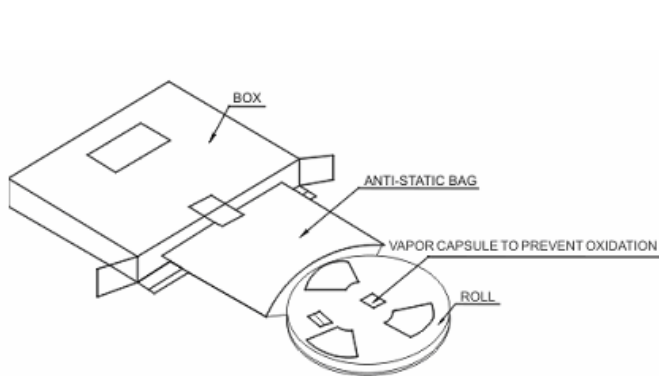
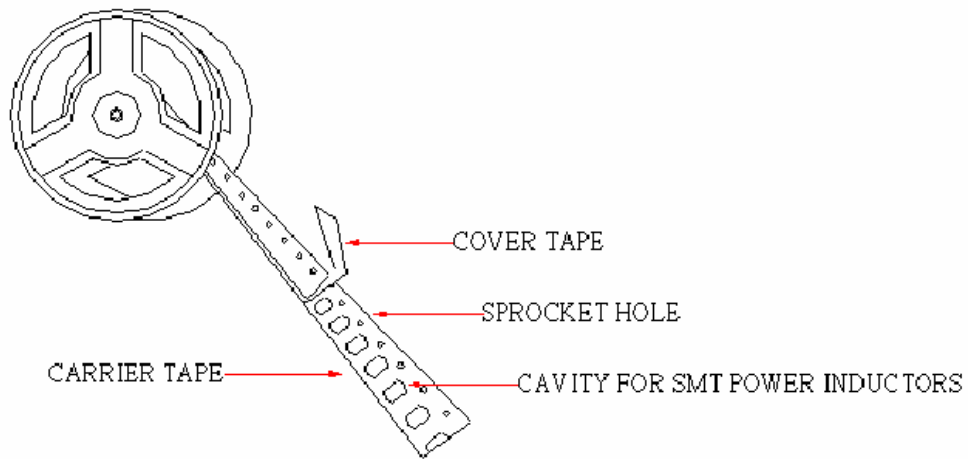
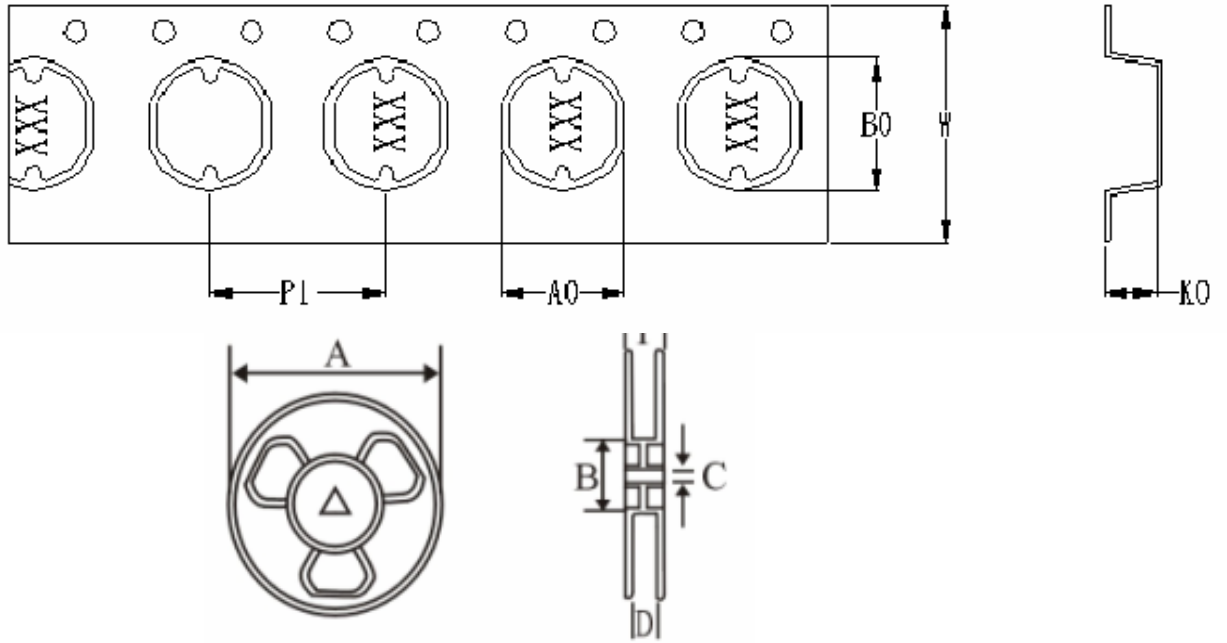
## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE (uh) 电感值	DCR(Max) (mΩ) 直流电阻	IDC(A)(Max) 饱和耐电流 ΔL=10%	IRMS(A)\Max ΔL=10% 温升电流	TEST FREQ 测试频率
HSM1206C-1R0M	1.0	0.10	10.20	5.50	1KHZ/0.25V
HSM1206C-1R5M	1.5	0.080	10.00	5.00	1KHZ/0.25V
HSM1206C-2R2M	2.2	0.065	9.85	4.50	1KHZ/0.25V
HSM1206C-3R3M	3.3	0.060	7.00	4.30	1KHZ/0.25V
HSM1206C-4R7M	4.7	0.055	6.80	4.25	1KHZ/0.25V
HSM1206C-6R8M	6.8	0.052	6.52	4.12	1KHZ/0.25V
HSM1206C-100M	10	0.040	8.00	3.90	1KHZ/0.25V
HSM1206C-150M	15	0.048	7.00	3.40	1KHZ/0.25V
HSM1206C-220M	22	0.059	6.00	3.10	1KHZ/0.25V
HSM1206C-330M	33	0.075	5.00	2.80	1KHZ/0.25V
HSM1206C-470M	47	0.097	4.00	2.40	1KHZ/0.25V
HSM1206C-680M	68	0.138	3.00	2.00	1KHZ/0.25V
HSM1206C-101K	100	0.207	2.40	1.70	1KHZ/0.25V
HSM1206C-151K	150	0.293	2.10	1.30	1KHZ/0.25V
HSM1206C-221K	220	0.047	1.90	1.10	1KHZ/0.25V
HSM1206C-331K	330	0.780	1.10	0.86	1KHZ/0.25V
HSM1206C-471K	470	1.080	1.10	0.73	1KHZ/0.25V
HSM1206C-681K	680	1.400	0.96	0.64	1KHZ/0.25V
HSM1206C-102K	1000	2.010	0.80	0.53	1KHZ/0.25V
HSM1206C-152K	1500	2.100	0.75	0.50	1KHZ/0.25V
HSM1206C-222K	2200	2.125	0.68	0.48	1KHZ/0.25V
HSM1206C-332K	3300	2.352	0.65	0.45	1KHZ/0.25V
HSM1206C-472K	4700	2.520	0.50	0.42	1KHZ/0.25V
HSM1206C-682K	6800	3.582	0.45	0.40	1KHZ/0.25V
HSM1206C-103K	10000	4.528	0.43	0.32	1KHZ/0.25V

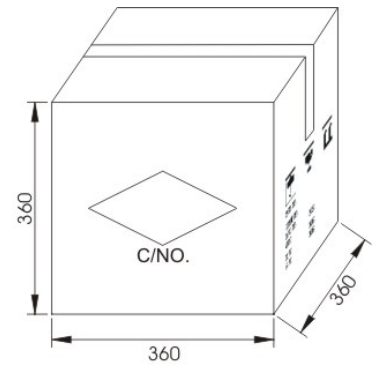
# HSM0402/0804/1206C

# TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSM0402C	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	2
HSM0804C	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	1
HSM1206C	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	0.5

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSM0402C	9.3	4.6	6.9	10.3	2.8	2
HSM0804C	17.6	7.8	13.1	21.3	4.6	1
HSM1206C	28.5	16.0	19.2	19.2	7.2	0.5



ROHS compliant(SGS Ceetifiend Result)

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

## BERING SYSTEM(品名系列)

**HSM 0530 -150 M T/B**

①

②

③

④

⑤

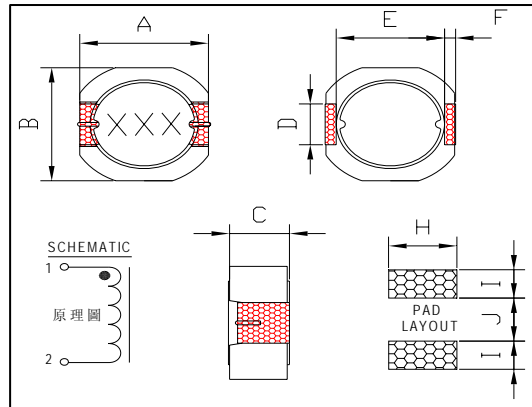
①. 产品类型：产品代码。

②. 产品尺寸：外围×高度。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J:±5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30

⑤. 包装方式“T”：载带盘装，B：散装



规格	Part NO. 品名				
	HSMRH0520	HSMRH0530	HSMRH0630	HSMRH0625	HSMRH0635
Amax	5.20	5.20	6.30	6.3	6.30
Bmax	5.20	5.20	6.20	6.5	6.20
Cmax	2.00	3.00	3.00	2.5	3.50
D	1.40	1.40	2.00	2.4	2.00
E	4.20	4.20	4.80	4.8	4.80
F	0.60	0.60	0.60	0.6	0.60
H	2.00	2.00	6.60	4.5	6.60
I	1.00	1.00	2.60	2.6	2.60
J	4.00	4.00	4.50	4.6	4.50

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

(1) 表面贴装小型功率电感.

(2) .闭磁路设计.具有体积小.薄型.高能量存储.低直流电阻.

(3) .应用于掌上电脑.数码视听产品以及其他高精度工业设备

# HSMRH0520 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE ( $\mu$ h) 电感值	DCR(Max) ( $m\Omega$ ) 直流电阻	IDC(A)(Max) 饱和耐电流 $\Delta L=10\%$	IRMS(A)\Max $\Delta L=10\%$ 温升电流	TEST FREQ 测试频率
HSMRH0520-1R0M	1.0	53	2.20	4.00	1KHZ/0.25V
HSMRH0520-1R2M	1.2	45	2.15	3.50	1KHZ/0.25V
HSMRH0520-2R2M	2.2	59	1.63	3.31	1KHZ/0.25V
HSMRH0520-2R7M	2.7	62	1.50	3.12	1KHZ/0.25V
HSMRH0520-3R3M	3.3	73	1.34	2.81	1KHZ/0.25V
HSMRH0520-4R7M	4.7	86	1.14	2.51	1KHZ/0.25V
HSMRH0520-6R8M	6.8	101	0.95	5.41	1KHZ/0.25V
HSMRH0520-8R2M	8.2	125	0.80	2.11	1KHZ/0.25V
HSMRH0520-100M	10	150	0.76	1.97	1KHZ/0.25V
HSMRH0520-120M	12	185	0.70	1.73	1KHZ/0.25V
HSMRH0520-150M	15	210	0.63	1.54	1KHZ/0.25V
HSMRH0520-180M	18	235	0.60	1.52	1KHZ/0.25V
HSMRH0520-220M	22	276	0.56	1.29	1KHZ/0.25V
HSMRH0520-270M	27	325	0.50	1.11	1KHZ/0.25V
HSMRH0520-330M	33	450	0.44	1.02	1KHZ/0.25V
HSMRH0520-390M	39	583	0.40	0.96	1KHZ/0.25V
HSMRH0520-470M	47	726	0.36	0.89	1KHZ/0.25V
HSMRH0520-560M	56	852	0.33	0.80	1KHZ/0.25V
HSMRH0520-680M	68	936	0.30	0.71	1KHZ/0.25V
HSMRH0520-820M	82	1352	0.28	0.61	1KHZ/0.25V
HSMRH0520-101K	100	1500	0.23	0.50	1KHZ/0.25V
HSMRH0520-151K	150	1852	0.20	0.43	1KHZ/0.25V

# HSMRH0530 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE ( $\mu$ h) 电感值	DCR(Max) ( $m\Omega$ ) 直流电阻	IDC(A)(max) 饱和耐电流 $\Delta L=10\%$	IRMS(A)(max) $\Delta L=10\%$ 温升电流	TEST FREQ 测试频率
HSMRH0530-1R0M	1.0	26	4.05	3.56	1KHZ/0.25V
HSMRH0530-1R2M	1.2	20	3.87	3.25	1KHZ/0.25V
HSMRH0530-2R2M	2.2	27	2.92	2.64	1KHZ/0.25V
HSMRH0530-2R7M	2.7	30	2.62	2.50	1KHZ/0.25V
HSMRH0530-3R3M	3.3	35	2.36	2.26	1KHZ/0.25V
HSMRH0530-4R7M	4.7	46	1.87	2.01	1KHZ/0.25V
HSMRH0530-6R8M	6.8	69	1.51	1.65	1KHZ/0.25V
HSMRH0530-8R2M	8.2	82	1.43	1.52	1KHZ/0.25V
HSMRH0530-100M	10	90	1.33	1.41	1KHZ/0.25V
HSMRH0530-120M	12	116	1.22	1.32	1KHZ/0.25V
HSMRH0530-150M	15	142	1.05	1.10	1KHZ/0.25V
HSMRH0530-180M	18	185.	1.00	0.95	1KHZ/0.25V
HSMRH0530-220M	22	208	0.86	0.81	1KHZ/0.25V
HSMRH0530-270M	27	237	0.50	0.80	1KHZ/0.25V
HSMRH0530-330M	33	257	0.72	0.75	1KHZ/0.25V
HSMRH0530-390M	39	312	0.60	0.70	1KHZ/0.25V
HSMRH0530-470M	47	352	0.62	0.64	1KHZ/0.25V
HSMRH0530-560M	56	456	0.59	0.58	1KHZ/0.25V
HSMRH0530-680M	68	525	0.51	0.52	1KHZ/0.25V
HSMRH0530-820M	82	682	0.48	0.50	1KHZ/0.25V
HSMRH0530-101K	100	801	0.43	0.44	1KHZ/0.25V
HSMRH0530-151K	150	923	0.35	0.30	1KHZ/0.25V



# HSMRH0630 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE ( $\mu$ h) 电感值	DCR(max) ( $m\Omega$ ) 直流电阻	IDC(A)(max) 饱和耐电流 $\Delta L=10\%$	IRMS(A)max $\Delta L=10\%$ 温升电流	TEST FREQ 测试频率
HSMRH0630-1R0M	1.0	13.2	3.59	4.03	1KHZ/0.25V
HSMRH0630-1R2M	1.2	15.6	2.93	3.63	1KHZ/0.25V
HSMRH0630-2R2M	2.2	19.2	2.42	3.30	1KHZ/0.25V
HSMRH0630-2R7M	2.7	22.5	2.30	3.00	1KHZ/0.25V
HSMRH0630-3R3M	3.3	25.2	1.89	2.83	1KHZ/0.25V
HSMRH0630-4R7M	4.7	32.4	1.66	2.45	1KHZ/0.25V
HSMRH0630-6R8M	6.8	38.4	1.45	2.20	1KHZ/0.25V
HSMRH0630-8R2M	8.2	45.6	1.30	2.00	1KHZ/0.25V
HSMRH0630-100M	10	58.8	1.14	1.77	1KHZ/0.25V
HSMRH0630-120M	12	62.4	1.04	1.70	1KHZ/0.25V
HSMRH0630-150M	15	74.4	0.93	1.55	1KHZ/0.25V
HSMRH0630-180M	18	88.8	0.85	1.41	1KHZ/0.25V
HSMRH0630-220M	22	114	0.77	1.23	1KHZ/0.25V
HSMRH0630-270M	27	144	0.70	1.08	1KHZ/0.25V
HSMRH0630-330M	33	168	0.63	0.99	1KHZ/0.25V
HSMRH0630-390M	39	180	0.58	0.95	1KHZ/0.25V
HSMRH0630-470M	47	222	0.53	0.84	1KHZ/0.25V
HSMRH0630-560M	56	264	0.48	0.76	1KHZ/0.25V
HSMRH0630-680M	68	324	0.44	0.69	1KHZ/0.25V
HSMRH0630-820M	82	396	0.40	0.61	1KHZ/0.25V
HSMRH0630-101K	100	498	0.36	0.54	1KHZ/0.25V
HSMRH0630-151K	150	738	0.31	0.42	1KHZ/0.25V

# HSMRH0635 TYPE

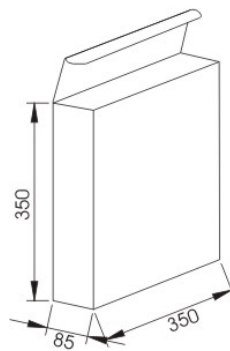
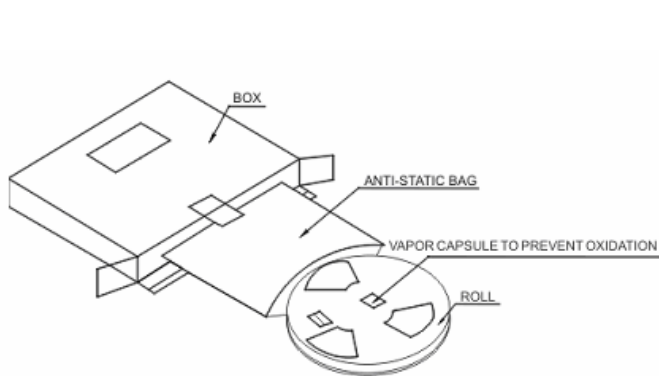
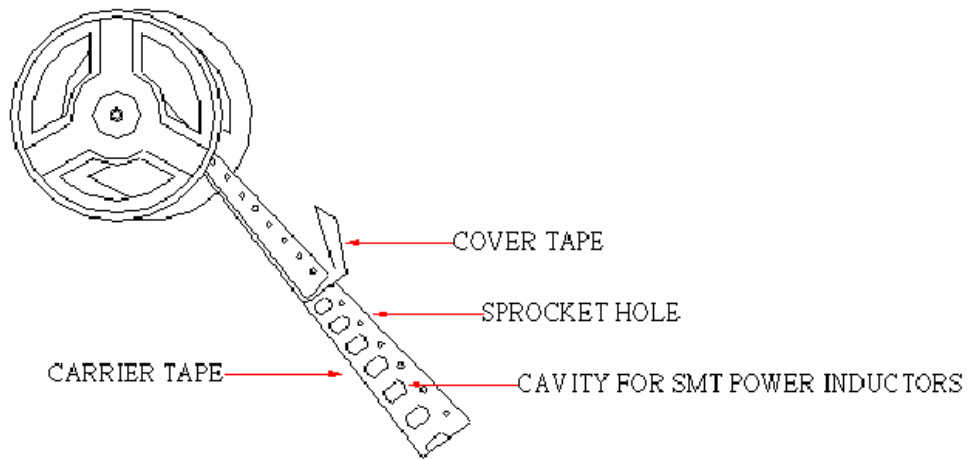
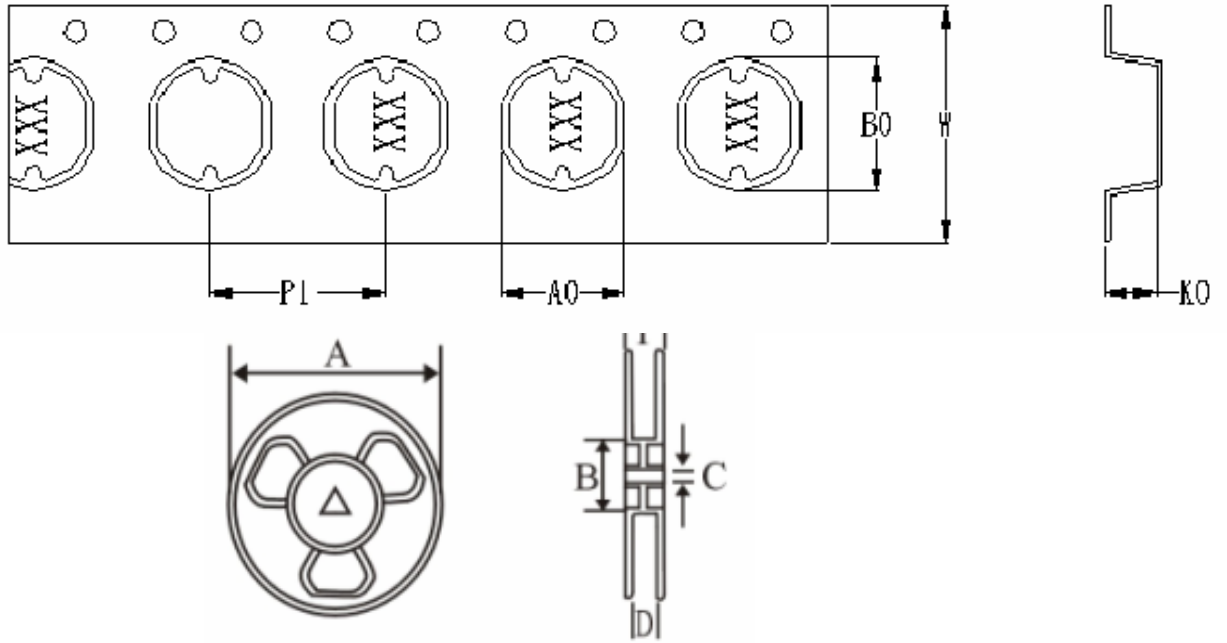
## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE (uh) 电感值	DCR(max) (mΩ) 直流电阻	IDC(A)(max) 饱和耐电流 ΔL=10%	IRMS(A)max ΔL=10% 温升电流	TEST FREQ 测试频率
HSMRH0635-1R0M	1.0	16.3	3.5	3.5	1KHZ/0.25V
HSMRH0635-1R2M	1.2	18.5	3.2	3.2	1KHZ/0.25V
HSMRH0635-2R2M	2.2	19.2	3.00	3.31	1KHZ/0.25V
HSMRH0635-2R7M	2.7	21.9	2.69	3.12	1KHZ/0.25V
HSMRH0635-3R3M	3.3	25.6	2.57	2.81	1KHZ/0.25V
HSMRH0635-4R7M	4.7	31.6	2.08	2.51	1KHZ/0.25V
HSMRH0635-6R8M	6.8	34.9	1.84	5.41	1KHZ/0.25V
HSMRH0635-8R2M	8.2	43.4	1.54	2.11	1KHZ/0.25V
HSMRH0635-100M	10	49.4	1.49	1.97	1KHZ/0.25V
HSMRH0635-120M	12	62.0	1.28	1.73	1KHZ/0.25V
HSMRH0635-150M	15	76.9	1.10	1.54	1KHZ/0.25V
HSMRH0635-180M	18	81.5	1.05	1.52	1KHZ/0.25V
HSMRH0635-220M	22	106.1	0.97	1.29	1KHZ/0.25V
HSMRH0635-270M	27	140.1	0.82	1.11	1KHZ/0.25V
HSMRH0635-330M	33	162.0	0.76	1.02	1KHZ/0.25V
HSMRH0635-390M	39	190.8	0.70	0.96	1KHZ/0.25V
HSMRH0635-470M	47	208.8	0.68	0.89	1KHZ/0.25V
HSMRH0635-560M	56	256.8	0.60	0.80	1KHZ/0.25V
HSMRH0635-680M	68	319.2	0.56	0.71	1KHZ/0.25V
HSMRH0635-820M	82	418.8	0.47	0.61	1KHZ/0.25V
HSMRH0635-101K	100	432.5	0.42	0.53	1KHZ/0.25V
HSMRH0635-151K	150	446.2	0.35	0.33	1KHZ/0.25V

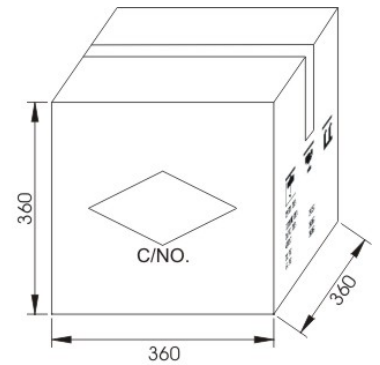
# HSM0402/0804/1206C

# TYPE

→ (包装方式)



Inner cartonbox



Outer cartonbox

4 boxes in case

→REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMRH0520	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	2
HSMRH0530	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	2
HSMRH0630	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	2
HAMRH0635	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	2

→CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMRH0520	9.3	5.4	5.6	9.3	1.3	2
HSMRH0530	9.2	5.4	5.6	9.2	1.3	2
HSMRH0630	10.6	6.8	6.8	10.6	1.6	2
HAMRH0635	11.0	6.7	6.7	11.0	1.5	2



ROHS compliant(SGS Ceetifiend Result)

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

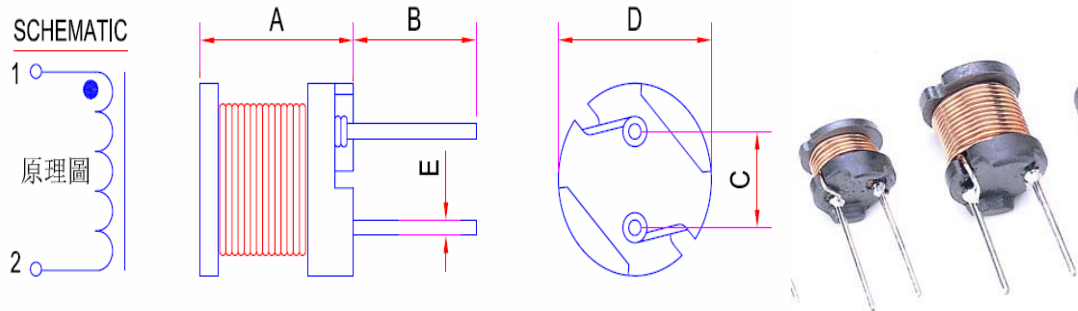
# PKS0605/0606/0805/0807/1014 TYPE

## PART NUMBERING SYSTEM(品名系列)

HSM 0402C -221- K -T/B



- ①. 产品类型：产品代码。
- ②. 产品尺寸：外围×高度。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30
- ⑤. 包装方式：“T”：载带盘装，B:散装



### →EXTERNAL DIMENSION UNIT:mm(外形尺寸)

产品型号	规格				
	A	B	C	D Max	E
PKS0605	5.2	4.0±1.0	4.0±0.5	6.5	0.5±0.5
PKS0606	6.5	4.0±1.0	4.0±0.5	6.5	0.5±0.5
PKS0805	5.5	5.0±1.0	5.0±0.5	8.3	0.6±0.5
PKS0807	7.5	5.0±1.0	5.0±0.5	8.3	0.6±0.5
PKS0809	9.5	5.0±1.0	5.0±0.5	8.3	0.6±0.5
PKS4W1006	6.5	3.5±1.0	5.0±0.5	8.3	0.6±0.5
PKS4W1008	8.5	3.5±1.0	5.0±0.5	10.5	0.7±0.5
PKS4W1010	10.5	3.5±1.0	5.0±0.5	10.5	0.7±0.5
PKS1014	14.4	5.0±1.0	5.0±0.5	10.5	0.7±0.5

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

- (1) .开磁路构造设计.低成本.低直流电阻.耐电流较大.电感值范围大.规格多可靠性高.
- (2) .主要用于电源 DC-DC 转换器.电话.DVD.空调等家用电器以及玩具和其他工业设备。

# PKS0605 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS0605-100M	10	0.35	1.20	1KHZ/0.25V
PKS0605-120M	12	0.30	1.15	1KHZ/0.25V
PKS0605-150M	15	0.25	1.00	1KHZ/0.25V
PKS0605-180M	18	0.20	0.95	1KHZ/0.25V
PKS0605-220K	22	0.18	0.90	1KHZ/0.25V
PKS0605-270K	27	0.21	0.81	1KHZ/0.25V
PKS0605-330K	33	0.27	0.74	1KHZ/0.25V
PKS0605-390K	39	0.29	0.68	1KHZ/0.25V
PKS0605-470K	47	0.34	0.62	1KHZ/0.25V
PKS0605-560K	56	0.42	0.57	1KHZ/0.25V
PKS0605-680K	68	0.48	0.51	1KHZ/0.25V
PKS0605-820K	82	0.55	0.47	1KHZ/0.25V
PKS0605-101K	100	0.68	0.42	1KHZ/0.25V
PKS0605-121K	120	0.77	0.39	1KHZ/0.25V
PKS0605-151K	150	0.95	0.35	1KHZ/0.25V
PKS0605-181K	180	1.15	0.32	1KHZ/0.25V
PKS0605-221K	220	1.30	0.29	1KHZ/0.25V
PKS0605-271K	270	1.55	0.26	1KHZ/0.25V
PKS0605-331K	330	2.18	0.23	1KHZ/0.25V
PKS0605-391K	390	2.47	0.21	1KHZ/0.25V
PKS0605-471K	470	2.92	0.20	1KHZ/0.25V
PKS0605-561K	560	3.97	0.18	1KHZ/0.25V
PKS0605-681K	680	4.57	0.16	1KHZ/0.25V
PKS0605-821K	820	5.28	0.15	1KHZ/0.25V
PKS0605-102K	1000	7.06	0.13	1KHZ/0.25V
PKS0605-122K	1200	8.20	0.13	1KHZ/0.25V
PKS0605-152K	1500	10.32	0.13	1KHZ/0.25V
PKS0605-182K	1800	11.20	0.12	1KHZ/0.25V
PKS0605-222K	2200	11.25	0.12	1KHZ/0.25V
PKS0605-272K	2700	11.35	0.12	1KHZ/0.25V
PKS0605-332K	3300	11.40	0.12	1KHZ/0.25V
PKS0605-392K	3900	14.42	0.12	1KHZ/0.25V
PKS0605-472K	4700	11.45	0.12	1KHZ/0.25V
PKS0605-562K	5600	11.50	0.12	1KHZ/0.25V
PKS0605-682K	6800	11.50	0.12	1KHZ/0.25V
PKS0605-822K	8200	12.30	0.10	1KHZ/0.25V
PKS0605-103K	10000	14.20	0.10	1KHZ/0.25V

# PKS0606 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS0606-100M	10	0.07	1.40	1KHZ/0.25V
PKS0606-120M	12	0.08	1.38	1KHZ/0.25V
PKS0606-150M	15	0.09	1.35	1KHZ/0.25V
PKS0606-180M	18	0.10	1.30	1KHZ/0.25V
PKS0606-220K	22	0.11	1.27	1KHZ/0.25V
PKS0606-270K	27	0.14	1.14	1KHZ/0.25V
PKS0606-330K	33	0.17	1.03	1KHZ/0.25V
PKS0606-390K	39	0.19	0.95	1KHZ/0.25V
PKS0606-470K	47	0.23	0.87	1KHZ/0.25V
PKS0606-560K	56	0.26	0.80	1KHZ/0.25V
PKS0606-680K	68	0.28	0.72	1KHZ/0.25V
PKS0606-820K	82	0.39	0.66	1KHZ/0.25V
PKS0606-101K	100	0.43	0.59	1KHZ/0.25V
PKS0606-121K	120	0.54	0.54	1KHZ/0.25V
PKS0606-151K	150	0.64	0.48	1KHZ/0.25V
PKS0606-181K	180	0.74	0.44	1KHZ/0.25V
PKS0606-221K	220	0.96	0.40	1KHZ/0.25V
PKS0606-271K	270	1.12	0.36	1KHZ/0.25V
PKS0606-331K	330	1.48	0.33	1KHZ/0.25V
PKS0606-391K	390	1.66	0.30	1KHZ/0.25V
PKS0606-471K	470	1.91	0.28	1KHZ/0.25V
PKS0606-561K	560	2.31	0.25	1KHZ/0.25V
PKS0606-681K	680	2.67	0.23	1KHZ/0.25V
PKS0606-821K	820	3.10	0.21	1KHZ/0.25V
PKS0606-102K	1000	4.45	0.19	1KHZ/0.25V
PKS0606-122K	1200	4.50	0.15	1KHZ/0.25V
PKS0606-152K	1500	4.80	0.15	1KHZ/0.25V
PKS0606-182K	1800	5.00	0.15	1KHZ/0.25V
PKS0606-222K	2200	5.20	0.15	1KHZ/0.25V
PKS0606-272K	2700	5.30	0.14	1KHZ/0.25V
PKS0606-332K	3300	5.50	0.14	1KHZ/0.25V
PKS0606-392K	3900	6.00	0.13	1KHZ/0.25V
PKS0606-472K	4700	6.30	0.13	1KHZ/0.25V
PKS0606-562K	5600	6.50	0.12	1KHZ/0.25V
PKS0606-682K	6800	7.00	0.10	1KHZ/0.25V

# PKS0805 TYPE

## →电气性能 Electrical Characteristics

PART NO.品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS0805-100M	10	0.07	2.50	1KHZ/0.25V
PKS0805-120M	12	0.08	2.40	1KHZ/0.25V
PKS0805-150M	15	0.09	2.10	1KHZ/0.25V
PKS0805-180M	18	0.10	2.00	1KHZ/0.25V
PKS0805-220K	22	0.12	1.70	1KHZ/0.25V
PKS0805-270K	27	0.14	1.60	1KHZ/0.25V
PKS0805-330K	33	0.17	1.40	1KHZ/0.25V
PKS0805-390K	39	0.21	1.30	1KHZ/0.25V
PKS0805-470K	47	0.24	1.20	1KHZ/0.25V
PKS0805-560K	56	0.31	1.10	1KHZ/0.25V
PKS0805-680K	68	0.34	1.00	1KHZ/0.25V
PKS0805-820K	82	0.40	0.93	1KHZ/0.25V
PKS0805-101K	100	0.52	0.81	1KHZ/0.25V
PKS0805-121K	120	0.59	0.76	1KHZ/0.25V
PKS0805-151K	150	0.71	0.67	1KHZ/0.25V
PKS0805-181K	180	0.89	0.62	1KHZ/0.25V
PKS0805-221K	220	1.04	0.54	1KHZ/0.25V
PKS0805-271K	270	1.28	0.49	1KHZ/0.25V
PKS0805-331K	330	1.47	0.44	1KHZ/0.25V
PKS0805-391K	390	1.67	0.41	1KHZ/0.25V
PKS0805-471K	470	1.95	0.38	1KHZ/0.25V
PKS0805-561K	560	2.83	0.35	1KHZ/0.25V
PKS0805-681K	680	3.25	0.32	1KHZ/0.25V
PKS0805-821K	820	3.82	0.31	1KHZ/0.25V
PKS0805-102K	1000	5.28	0.25	1KHZ/0.25V
PKS0805-122K	1200	6.03	0.23	1KHZ/0.25V
PKS0805-152K	1500	7.15	0.21	1KHZ/0.25V
PKS0805-182K	1800	8.26	0.20	1KHZ/0.25V
PKS0805-222K	2200	11.1	0.18	1KHZ/0.25V
PKS0805-272K	2700	13.1	0.16	1KHZ/0.25V
PKS0805-332K	3300	15.9	0.14	1KHZ/0.25V
PKS0805-392K	3900	18.0	0.13	1KHZ/0.25V
PKS0805-472K	4700	23.9	0.12	1KHZ/0.25V
PKS0805-562K	5600	26.8	0.11	1KHZ/0.25V
PKS0805-682K	6800	31.7	0.098	1KHZ/0.25V
PKS0805-822K	8200	46.5	0.088	1KHZ/0.25V
PKS0805-103K	10000	55.7	0.081	1KHZ/0.25V
PKS0805-123K	12000	59.36	0.080	1KHZ/0.25V
PKS0805-153K	15000	60.12	0.080	1KHZ/0.25V
PKS0805-183K	18000	60.15	0.078	1KHZ/0.25V
PKS0805-223K	22000	68.12	0.075	1KHZ/0.25V



# PKS0807 TYPE

## → 电气性能 Electrical Characteristics

PART NO.品名	INDUCTANCE(uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS0807-100M	10	0.05	2.90	1KHZ/0.25V
PKS0807-120M	12	0.06	2.50	1KHZ/0.25V
PKS0807-150M	15	0.07	2.20	1KHZ/0.25V
PKS0807-180M	18	0.08	1.90	1KHZ/0.25V
PKS0807-220K	22	0.09	1.80	1KHZ/0.25V
PKS0807-270K	27	0.11	1.70	1KHZ/0.25V
PKS0807-330K	33	0.13	1.50	1KHZ/0.25V
PKS0807-390K	39	0.14	1.30	1KHZ/0.25V
PKS0807-470K	47	0.15	1.30	1KHZ/0.25V
PKS0807-560K	56	0.18	1.20	1KHZ/0.25V
PKS0807-680K	68	0.20	1.10	1KHZ/0.25V
PKS0807-820K	82	0.04	1.00	1KHZ/0.25V
PKS0807-101K	100	0.08	0.89	1KHZ/0.25V
PKS0807-121K	120	0.36	0.81	1KHZ/0.25V
PKS0807-151K	150	0.42	0.72	1KHZ/0.25V
PKS0807-181K	180	0.57	0.66	1KHZ/0.25V
PKS0807-221K	220	0.63	0.57	1KHZ/0.25V
PKS0807-271K	270	0.88	0.51	1KHZ/0.25V
PKS0807-331K	330	1.05	0.46	1KHZ/0.25V
PKS0807-391K	390	1.17	0.44	1KHZ/0.25V
PKS0807-471K	470	1.34	0.41	1KHZ/0.25V
PKS0807-561K	560	1.72	0.36	1KHZ/0.25V
PKS0807-681K	680	1.96	0.33	1KHZ/0.25V
PKS0807-821K	820	2.56	0.30	1KHZ/0.25V
PKS0807-102K	1000	2.94	0.27	1KHZ/0.25V
PKS0807-122K	1200	4.04	0.24	1KHZ/0.25V
PKS0807-152K	1500	4.70	0.22	1KHZ/0.25V
PKS0807-182K	1800	5.05	0.20	1KHZ/0.25V
PKS0807-222K	2200	6.25	0.18	1KHZ/0.25V
PKS0807-272K	2700	8.72	0.16	1KHZ/0.25V
PKS0807-332K	3300	10.6	0.15	1KHZ/0.25V
PKS0807-392K	3900	14.2	0.14	1KHZ/0.25V
PKS0807-472K	4700	16.7	0.12	1KHZ/0.25V
PKS0807-562K	5600	18.7	0.11	1KHZ/0.25V
PKS0807-682K	6800	21.8	0.10	1KHZ/0.25V
PKS0807-822K	8200	28.7	0.093	1KHZ/0.25V
PKS0807-103K	10000	33.0	0.084	1KHZ/0.25V

# PKS0809 TYPE

## → 电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS0809-100M	10	0.04	2.60	1KHZ/0.25V
PKS0809-120M	12	0.04	2.60	1KHZ/0.25V
PKS0809-150M	15	0.05	2.10	1KHZ/0.25V
PKS0809-180M	18	0.05	2.00	1KHZ/0.25V
PKS0809-220K	22	0.06	1.70	1KHZ/0.25V
PKS0809-270K	27	0.06	1.60	1KHZ/0.25V
PKS0809-330K	33	0.07	1.40	1KHZ/0.25V
PKS0809-390K	39	0.08	1.40	1KHZ/0.25V
PKS0809-470K	47	0.10	1.30	1KHZ/0.25V
PKS0809-560K	56	0.11	1.20	1KHZ/0.25V
PKS0809-680K	68	0.14	1.10	1KHZ/0.25V
PKS0809-820K	82	0.16	1.00	1KHZ/0.25V
PKS0809-101K	100	0.19	0.90	1KHZ/0.25V
PKS0809-121K	120	0.22	0.82	1KHZ/0.25V
PKS0809-151K	150	0.27	0.74	1KHZ/0.25V
PKS0809-181K	180	0.31	0.71	1KHZ/0.25V
PKS0809-221K	220	0.38	0.64	1KHZ/0.25V
PKS0809271K	270	0.53	0.57	1KHZ/0.25V
PKS0809-331K	330	0.61	0.51	1KHZ/0.25V
PKS0809-391K	390	0.69	0.48	1KHZ/0.25V
PKS0809-471K	470	0.89	0.43	1KHZ/0.25V
PKS0809-561K	560	1.01	0.40	1KHZ/0.25V
PKS0809-681K	680	1.18	0.35	1KHZ/0.25V
PKS0809-821K	820	1.57	0.32	1KHZ/0.25V
PKS0809-102K	1000	1.84	0.30	1KHZ/0.25V
PKS0809-122K	1200	2.10	0.27	1KHZ/0.25V
PKS0809-152K	1500	2.80	0.23	1KHZ/0.25V
PKS0809-182K	1800	3.21	0.21	1KHZ/0.25V
PKS0809-222K	2200	4.21	0.19	1KHZ/0.25V
PKS0809-272K	2700	4.94	0.17	1KHZ/0.25V
PKS0809-332K	3300	6.16	0.15	1KHZ/0.25V
PKS0809-392K	3900	6.84	0.14	1KHZ/0.25V
PKS0809-472K	4700	7.89	0.13	1KHZ/0.25V
PKS0809-562K	5600	11.5	0.12	1KHZ/0.25V
PKS0809-682K	6800	13.2	0.11	1KHZ/0.25V
PKS0809-822K	8200	15.2	0.10	1KHZ/0.25V
PKS0809-103K	10000	22.0	0.089	1KHZ/0.25V
PKS0809-123K	12000	25.0	0.073	1KHZ/0.25V
PKS0809-153K	15000	29.1	0.068	1KHZ/0.25V
PKS0809-183K	18000	38.9	0.066	1KHZ/0.25V
PKS0809-223K	22000	44.9	0.059	1KHZ/0.25V
PKS0809-273K	27000	55.7	0.052	1KHZ/0.25V
PKS0809-333K	33000	64.2	0.048	1KHZ/0.25V
PKS0809-393K	39000	74.2	0.042	1KHZ/0.25V
PKS0809-473K	47000	96.4	0.038	1KHZ/0.25V

# PKS4W1006 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS4W1006-6R3M	6.3	0.035	4.00	1KHZ/0.25V
PKS4W1006-7R5M	7.5	0.038	3.80	1KHZ/0.25V
PKS4W1006-100M	10	0.040	3.60	1KHZ/0.25V
PKS4W1006-120M	12	0.044	3.30	1KHZ/0.25V
PKS4W1006-150M	15	0.058	2.90	1KHZ/0.25V
PKS4W1006-180M	18	0.064	2.70	1KHZ/0.25V
PKS4W1006-220M	22	0.088	2.40	1KHZ/0.25V
PKS4W1006-270M	27	0.400	2.20	1KHZ/0.25V
PKS4W1006-330K	33	0.110	2.00	1KHZ/0.25V
PKS4W1006-390K	39	0.140	1.80	1KHZ/0.25V
PKS4W1006-470K	47	0.160	1.70	1KHZ/0.25V
PKS4W1006-560K	56	0.190	1.50	1KHZ/0.25V
PKS4W1006-680K	68	0.220	1.40	1KHZ/0.25V
PKS4W1006-820K	82	0.290	1.30	1KHZ/0.25V
PKS4W1006-101K	100	0.320	1.30	1KHZ/0.25V
PKS4W1006-121K	120	0.380	1.20	1KHZ/0.25V
PKS4W1006-151K	150	0.500	1.00	1KHZ/0.25V
PKS4W1006-181K	180	0.560	0.84	1KHZ/0.25V
PKS4W1006-221K	220	0.780	0.76	1KHZ/0.25V
PKS4W1006-271K	270	0.920	0.69	1KHZ/0.25V
PKS4W1006-331K	330	1.10	0.62	1KHZ/0.25V
PKS4W1006-391K	390	1.30	0.62	1KHZ/0.25V
PKS4W1006-471K	470	1.50	0.57	1KHZ/0.25V
PKS4W1006-561K	560	1.90	0.52	1KHZ/0.25V
PKS4W1006-681K	680	2.20	0.48	1KHZ/0.25V
PKS4W1006-821K	820	2.60	0.43	1KHZ/0.25V
PKS4W1006-102K	1000	3.20	0.36	1KHZ/0.25V
PKS4W1006-122K	1200	3.50	0.35	1KHZ/0.25V
PKS4W1006-152K	1500	3.95	0.34	1KHZ/0.25V
PKS4W1006-182K	1800	4.00	0.30	1KHZ/0.25V
PKS4W1006-222K	2200	4.35	0.28	1KHZ/0.25V
PKS4W1006-272K	2700	4.50	0.20	1KHZ/0.25V
PKS4W1006-332K	3300	4.80	0.15	1KHZ/0.25V
PKS4W1006-392K	3900	5.00	0.10	1KHZ/0.25V

# PKS4W1008 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (Ω) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS4W1008-6R3M	6.3	0.035	5.00	1KHZ/0.25V
PKS4W1008-7R5M	7.5	0.038	4.80	1KHZ/0.25V
PKS4W1008-100M	10	0.040	4.50	1KHZ/0.25V
PKS4W1008-120M	12	0.044	4.10	1KHZ/0.25V
PKS4W1008-150M	15	0.058	3.70	1KHZ/0.25V
PKS4W1008-180M	18	0.064	3.40	1KHZ/0.25V
PKS4W1008-220M	22	0.088	3.10	1KHZ/0.25V
PKS4W1008-270M	27	0.100	2.80	1KHZ/0.25V
PKS4W1008-330K	33	0.110	2.50	1KHZ/0.25V
PKS4W1008-390K	39	0.140	2.30	1KHZ/0.25V
PKS4W1008-470K	47	0.160	2.10	1KHZ/0.25V
PKS4W1008-560K	56	0.190	1.90	1KHZ/0.25V
PKS4W1008-680K	68	0.220	1.70	1KHZ/0.25V
PKS4W1008-820K	82	0.290	1.60	1KHZ/0.25V
PKS4W1008-101K	100	0.320	1.40	1KHZ/0.25V
PKS4W1008-121K	120	0.380	1.30	1KHZ/0.25V
PKS4W1008-151K	150	0.500	1.20	1KHZ/0.25V
PKS4W1008-181K	180	0.560	1.10	1KHZ/0.25V
PKS4W1008-221K	220	0.780	0.96	1KHZ/0.25V
PKS4W1008-271K	270	0.920	0.87	1KHZ/0.25V
PKS4W1008-331K	330	1.10	0.79	1KHZ/0.25V
PKS4W1008-391K	390	1.30	0.72	1KHZ/0.25V
PKS4W1008-471K	470	1.50	0.66	1KHZ/0.25V
PKS4W1008-561K	560	1.90	0.60	1KHZ/0.25V
PKS4W1008-681K	680	2.20	0.55	1KHZ/0.25V
PKS4W1008-821K	820	2.60	0.50	1KHZ/0.25V
PKS4W1008-102K	1000	3.20	0.45	1KHZ/0.25V
PKS4W1008-122K	1200	3.40	0.43	1KHZ/0.25V
PKS4W1008-152K	1500	3.50	0.40	1KHZ/0.25V
PKS4W1008-182K	1800	3.80	0.25	1KHZ/0.25V
PKS4W1008-222K	2200	4.00	0.20	1KHZ/0.25V
PKS4W1008-272K	2700	4.30	0.10	1KHZ/0.25V

# PKS4W1010 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS4W1010-6R3M	6.3	0.020	5.50	1KHZ/0.25V
PKS4W1010-7R5M	7.5	0.021	5.50	1KHZ/0.25V
PKS4W1010-100M	10	0.022	5.30	1KHZ/0.25V
PKS4W1010-120M	12	0.023	4.90	1KHZ/0.25V
PKS4W1010-150M	15	0.026	4.40	1KHZ/0.25V
PKS4W1010-180M	18	0.033	4.00	1KHZ/0.25V
PKS4W1010-220M	22	0.037	3.60	1KHZ/0.25V
PKS4W1010-270M	27	0.048	3.30	1KHZ/0.25V
PKS4W1010-330K	33	0.055	2.90	1KHZ/0.25V
PKS4W1010-390K	39	0.073	2.70	1KHZ/0.25V
PKS4W1010-470K	47	0.083	2.50	1KHZ/0.25V
PKS4W1010-560K	56	0.092	2.30	1KHZ/0.25V
PKS4W1010-680K	68	0.120	2.10	1KHZ/0.25V
PKS4W1010-820K	82	0.140	1.90	1KHZ/0.25V
PKS4W1010-101K	100	0.160	1.70	1KHZ/0.25V
PKS4W1010-121K	120	0.200	1.50	1KHZ/0.25V
PKS4W1010-151K	150	0.230	1.40	1KHZ/0.25V
PKS4W1010-181K	180	0.310	1.30	1KHZ/0.25V
PKS4W1010-221K	220	0.340	1.10	1KHZ/0.25V
PKS4W1010-271K	270	0.400	1.00	1KHZ/0.25V
PKS4W1010-331K	330	0.520	0.93	1KHZ/0.25V
PKS4W1010-391K	390	0.650	0.86	1KHZ/0.25V
PKS4W1010-471K	470	0.710	0.78	1KHZ/0.25V
PKS4W1010-561K	560	1.00	0.71	1KHZ/0.25V
PKS4W1010-681K	680	1.10	0.65	1KHZ/0.25V
PKS4W1010-821K	820	1.30	0.59	1KHZ/0.25V
PKS4W1010-102K	1000	1.70	0.53	1KHZ/0.25V
PKS4W1010-122K	1200	1.85	0.50	1KHZ/0.25V
PKS4W1010-152K	1500	2.00	0.42	1KHZ/0.25V
PKS4W1010-182K	1800	2.55	0.35	1KHZ/0.25V
PKS4W1010-222K	2200	3.00	0.28	1KHZ/0.25V
PKS4W1010-272K	2700	3.50	0.20	1KHZ/0.25V
PKS4W1010-332K	3300	4.00	0.15	1KHZ/0.25V
PKS4W1010-392K	3900	4.50	0.10	1KHZ/0.25V

# PKS4W1014 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(Max) (Ω) 直流电阻	IDC(A)(Max) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
PKS4W1014-6R3M	6.3	0.260	4.30	1KHZ/0.25V
PKS4W1014-7R5M	7.5	0.290	4.20	1KHZ/0.25V
PKS4W1014-100M	10	0.033	4.00	1KHZ/0.25V
PKS4W1014-120M	12	0.035	3.90	1KHZ/0.25V
PKS4W1014-150M	15	0.039	3.70	1KHZ/0.25V
PKS4W1014-180M	18	0.047	3.50	1KHZ/0.25V
PKS4W1014-220M	22	0.051	3.30	1KHZ/0.25V
PKS4W1014-270M	27	0.057	3.10	1KHZ/0.25V
PKS4W1014-330K	33	0.064	2.90	1KHZ/0.25V
PKS4W1014-390K	39	0.074	2.70	1KHZ/0.25V
PKS4W1014-470K	47	0.083	2.50	1KHZ/0.25V
PKS4W1014-560K	56	0.104	2.30	1KHZ/0.25V
PKS4W1014-680K	68	0.117	2.10	1KHZ/0.25V
PKS4W1014-820K	82	0.130	1.90	1KHZ/0.25V
PKS4W1014-101K	100	0.143	1.70	1KHZ/0.25V
PKS4W1014-121K	120	0.195	1.50	1KHZ/0.25V
PKS4W1014-151K	150	0.221	1.40	1KHZ/0.25V
PKS4W1014-181K	180	0.260	1.30	1KHZ/0.25V
PKS4W1014-221K	220	0.350	1.20	1KHZ/0.25V
PKS4W1014-271K	270	0.390	1.10	1KHZ/0.25V
PKS4W1014-331K	330	0.520	1.00	1KHZ/0.25V
PKS4W1014-391K	390	0.570	0.92	1KHZ/0.25V
PKS4W1014-471K	470	0.650	0.84	1KHZ/0.25V
PKS4W1014-561K	560	0.790	0.75	1KHZ/0.25V
PKS4W1014-681K	680	0.960	0.69	1KHZ/0.25V
PKS4W1014-821K	820	1.22	0.62	1KHZ/0.25V
PKS4W1014-102K	1000	1.60	0.52	1KHZ/0.25V
PKS4W1014-122K	1200	2.20	0.46	1KHZ/0.25V
PKS4W1014-152K	1500	2.50	0.41	1KHZ/0.25V
PKS4W1014-182K	1800	2.90	0.36	1KHZ/0.25V
PKS4W1014-222K	2200	3.20	0.32	1KHZ/0.25V
PKS4W1014-272K	2700	3.70	0.29	1KHZ/0.25V
PKS4W1014-332K	3300	5.00	0.27	1KHZ/0.25V
PKS4W1014-392K	3900	4.60	0.25	1KHZ/0.25V
PKS4W1014-472K	4700	7.40	0.23	1KHZ/0.25V
PKS4W1014-562K	5600	8.20	0.21	1KHZ/0.25V
PKS4W1014-682K	6800	11.90	0.19	1KHZ/0.25V
PKS4W1014-822K	8200	14.0	0.17	1KHZ/0.25V
PKS4W1014-103K	10000	16.0	0.16	1KHZ/0.25V
PKS4W1014-123K	12000	21.0	0.15	1KHZ/0.25V
PKS4W1014-153K	15000	24.0	0.14	1KHZ/0.25V
PKS4W1014-183K	18000	27.0	0.13	1KHZ/0.25V
PKS4W1014-223K	22000	34.0	0.12	1KHZ/0.25V
PKS4W1014-273K	27000	39.0	0.11	1KHZ/0.25V
PKS4W1014-333K	33000	51.0	0.10	1KHZ/0.25V
PKS4W1014-393K	39000	58.0	0.09	1KHZ/0.25V

# PK0406/0608/0810/0912/1010/1012 TYPE

BERING SYSTEM(品名系列)

PK 06080 -221 K SO/UL

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①. 产品类型：产品代码。

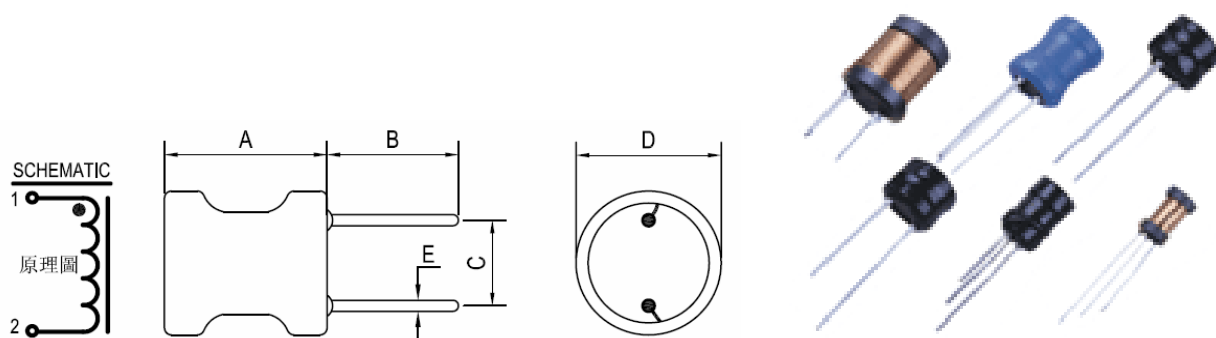
②. 产品尺寸：外围×高度。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30

⑤:套管：‘SO’:黑色 PVC 套管；“UL”: UL 套管

外形和尺寸 Shape and Size(Demensions are in mm)



品名	规格尺寸				
	A(max)	B(min)	C	D(max)	E
PK0406	8.0±3.0	15.0±0.5	2.0±0.5	5.00	0.5
PK0608	11.0±3.0	15.0±0.5	2.5±0.5	7.00	0.6
PK0707	9.5±3.0	15.0±1.0	5.0±1.0	8.00	0.6
PK0810	13.0±3.0	15.0±1.0	5.0±1.0	9.00	0.6
PK0912	15.0±3.0	15.0±1.0	6.0±1.0	9.00	0.7
PK0810	13.0±3.0	15.0±1.0	6.0±1.0	12.00	0.8
PK0912	15.0±3.0	15.0±1.0	6.0±1.0	12.00	0.8

(特殊品可以根据客户要求另行设计生产)

特长及应用 Features & Applications

(1) .开磁路构造设计.使用高频磁芯.耐电流较大.电感值范围大.规格多可靠性高。

(2) .主要用于电源.DC-DC 转换器.计算机及其外围设备.电话.空调等各种家用.工业设备。

# PK0406 TYPE

## →电气性能 Electrical Characteristics

PART NO .	L @1KHZ (UH)	Q Min	Q TEST Freq	SRF (MHZ) Min	DCR (m Ω)Max	Rated DC Current (Ma)Max
PK0406-1R0M	1.0	100	7.96MHz	120	0.035	2000
PK0406-1R2M	1.2	100	7.96 MHz	120	0.058	1950
PK0406-1R5M	1.5	100	7.96 MHz	120	0.075	1900
PK0406-1R8M	1.8	100	7.96 MHz	120	0.110	1800
PK0406-2R2M	2.2	100	7.96 MHz	100	0.120	1750
PK0406-2R7M	2.7	100	7.96 MHz	80	0.125	1680
PK0406-3R3M	3.3	100	7.96 MHz	75	0.130	1500
PK0406-3R9K	3.9	100	7.96 MHz	70	0.135	1450
PK0406-4R7K	4.7	100	7.96 MHz	50	0.140	1320
PK0406-5R6k	5.6	100	7.96 MHz	45	0.145	1230
PK0406-6R8K	6.8	100	7.96 MHz	30	0.15	1150
PK0406-8R2K	8.2	100	7.96 MHz	22	0.16	1100
PK0406-100K	10	80	2.52 MHz	20	0.23	1000
PK0406-120K	12	80	2.52 MHz	17	0.24	970
PK0406-150K	15	80	2.52 MHz	16	0.25	920
PK0406-180K	18	80	2.52 MHz	12	0.33	860
PK0406-220K	22	80	2.52 MHz	10	0.45	800
PK0406-270K	27	80	2.52 MHz	9.5	0.50	710
PK0406-330K	33	80	2.52 MHz	8.7	0.70	660
PK0406-390K	39	70	2.52 MHz	8.2	0.74	600
PK0406-470K	47	70	2.52 MHz	7.8	0.76	550
PK0406-560K	56	50	2.52 MHz	7.6	0.80	500
PK0406-680K	68	50	2.52 MHz	6.8	0.90	470
PK0406-820K	82	50	2.52 MHz	6.0	0.95	430
PK0406-101K	100	45	796KHz	6.0	1.0	400
PK0406-121K	120	45	796 KHz	5.5	1.1	370
PK0406-151K	150	65	796 KHz	4.2	1.3	350
PK0406-181K	180	65	796 KHz	3.6	1.5	320
PK0406-221K	220	65	796 KHz	2.8	1.8	300
PK0406-271K	270	50	796 KHz	2.4	1.9	275
PK0406-331K	330	50	796 KHz	2.2	2.2	250
PK0406-391K	390	50	796 KHz	2.0	2.7	220
PK0406-471K	470	50	796 KHz	1.7	3.6	200
PK0406-561K	560	50	796 KHz	1.5	4.2	190
PK0406-681K	680	50	796 KHz	1.3	4.6	170
PK0406-821K	8/20	50	796 KHz	1.1	5.7	155
PK0406-102K	1000	90	252 KHz	1.0	6.7	150
PK0406-122K	1200	90	252 KHz	0.9	8.2	140
PK0406-152K	1500	80	252 KHz	0.8	13	120
PK0406-182K	1800	80	252 KHz	0.8	15	110
PK0406-222K	2200	80	252 KHz	0.8	17	100
PK0406-272K	2700	80	252 KHz	0.8	19	90
PK0406-332K	3300	70	252 KHz	0.7	26	83
PK0406-392K	3900	70	252 KHz	0.65	30	76
PK0406-472K	4700	65	252 KHz	0.60	45	70
PK0406-562K	5600	65	252 KHz	0.58	48	62
PK0406-682K	6800	65	252 KHz	0.55	56	56
PK0406-822K	8200	65	252 KHz	0.40	62	52



# PK0608 TYPE

## →电气性能 Electrical Characteristics

Part NO.	L @1KHZ/0.25V (UH)	Q Min	Q Test Freq	DCR(M $\Omega$ ) Max	Rated DC Current (ma)Max
PK0608-3R3K	3.3	20	7.96MHZ	0.016	3500
PK0608-4R7K	4.7	20	7.96 MHZ	0.020	3000
PK0608-6R8K	6.8	20	7.96 MHZ	0.022	2500
PK0608-100K	10	30	2.52 MHZ	0.039	2000
PK0608-150K	15	30	2.52 MHZ	0.045	1700
PK0608-220K	22	30	2.52 MHZ	0.062	1400
PK0608-330K	33	30	2.52 MHZ	0.10	1100
PK0608-470K	47	30	2.52 MHZ	0.15	950
PK0608-680K	68	30	2.52 MHZ	0.22	800
PK0608-101K	100	20	796KHZ	0.35	650
PK0608-151K	150	20	796 KHZ	0.43	540
PK0608-221K	220	20	796 KHZ	0.90	440
PK0608-331K	330	20	796 KHZ	1.50	360
PK0608-471K	470	20	796 KHZ	1.80	300
PK0608-681K	680	20	796 KHZ	2.50	250
PK0608-102K	1000	100	252 KHZ	3.20	200
PK0608-122K	1200	70	252 KHZ	3.5	180
PK0608-152K	1500	70	252 KHZ	4.5	170
PK0608-182K	1800	70	252 KHZ	5.0	155
PK0608-222K	2200	70	252 KHZ	6.8	140
PK0608-272K	2700	70	252 KHZ	7.2	125
PK0608-332K	3300	70	252 KHZ	10.5	115
PK0608-392K	3900	70	252 KHZ	11.7	105
PK0608-472K	4700	70	252 KHZ	13.6	95
PK0608-562K	5600	70	252 KHZ	16.6	85
PK0608-682K	6800	70	252 KHZ	19.6	80
PK0608-822K	8200	70	252 KHZ	25.2	70
PK0608-103K	10000	70	79.6 KHZ	29.5	65
PK0608-123K	12000	70	79.6 KHZ	33.8	60
PK0608-153K	15000	70	79.6 KHZ	45.4	55
PK0608-183K	18000	70	79.6 KHZ	50.4	50
PK0608-223K	22000	70	79.6 KHZ	60.0	45
PK0608-303K	30000	70	79.6 KHZ	91.5	40
PK0608-333K	33000	70	79.6 KHZ	98.5	35
PK06563-393K	39000	70	79.6 KHZ	140	32
PK0608-473K	47000	70	79.6 KHZ	160	30
PK0608-503K	50000	70	79.6 KHZ	170	29
PK0608-563K	56000	70	79.6 KHZ	181	28
PK0608-683K	68000	50	79.6 KHZ	282	25
PK0608-823K	82000	50	79.6 KHZ	312	23
PK0608-104K	100000	30	25.2 KHZ	380	20
PK0608-124K	120000	30	25.2 KHZ	430	18
PK0608-154K	150000	30	25.2 KHZ	520	16

# PK0810 TYPE

## →电气性能 Electrical Characteristics

Part No.	L@1KHZ/0.25V (UH)	Q Min	Q Test Freq	SRF(MHZ) TYP.	DCR(MΩ) Max	Rated DC Current (Ma)Max
PK0810-3R3M	3.3	30	7.96MHZ	65	0.012	5000
PK0810-3R9K	3.9	30	7.96 MHZ	55	0.014	4600
PK0810-4R7K	4.7	30	7.96 MHZ	45	0.016	4300
PK0810-5R6K	5.6	30	7.96 MHZ	38	0.020	3900
PK0810-6R8K	6.8	30	7.96 MHZ	27	0.022	3700
PK0810-8R2K	8.2	30	7.96 MHZ	21	0.024	3500
PK0810-100K	10	50	2.52 MHZ	17	0.025	3200
PK0810-120K	12	50	2.52 MHZ	15	0.027	3000
PK0810-150K	15	50	2.52 MHZ	13	0.033	2800
PK0810-180K	18	50	2.52 MHZ	12	0.039	2600
PK0810-220K	22	50	2.52 MHZ	11	0.047	2400
PK0810-270K	27	50	2.52 MHZ	10	0.052	2100
PK0810-330K	33	50	2.52 MHZ	805	0.075	1900
PK0810-390K	39	40	2.52 MHZ	7.7	0.082	1700
PK0810-470K	47	40	2.52 MHZ	6.7	0.10	1500
PK0810-560K	56	40	2.52 MHZ	6.4	0.15	1300
PK0810-680K	68	30	2.52 MHZ	5.8	0.18	1200
PK0810-820K	82	30	2.52 MHZ	5.2	0.20	1100
PK0810-101K	100	30	796KHZ	4.4	0.20	900
PK0810-121K	120	30	796 KHZ	4.2	0.22	800
PK0810-151K	150	30	796 KHZ	3.7	0.24	720
PK0810-181K	180	30	796 KHZ	3.5	0.28	650
PK0810-221K	220	20	796 KHZ	3.3	0.35	600
PK0810-271K	270	20	796 KHZ	2.9	0.40	550
PK0810-331K	330	20	796 KHZ	2.6	0.47	500
PK0810-391K	390	20	796 KHZ	2.4	0.68	460
PK0810-471K	470	20	796 KHZ	2.2	0.80	420
PK0810-561K	560	20	796 KHZ	2.0	1.0	380
PK0810-681K	680	20	796 KHZ	1.8	1.2	350
PK0810-821K	820	20	796 KHZ	1.7	1.5	310
PK0810-102K	1000	40	252 KHZ	1.5	1.8	280
PK0810-122K	1200	40	252 KHZ	1.4	2.0	250
PK0810-152K	1500	40	252 KHZ	1.3	2.4	230
PK0810-182K	1800	40	252 KHZ	1.1	2.8	210
PK0810-222K	2200	40	252 KHZ	1.0	3.3	190
PK0810-272K	2700	40	252 KHZ	0.88	5.0	170
PK0810-332K	3300	40	252 KHZ	0.78	5.6	150
PK0810-392K	3900	40	252 KHZ	0.72	6.2	140
PK0810-472K	4700	40	252 KHZ	0.65	7.0	130
PK0810-562K	5600	40	252 KHZ	0.58	9.1	120
PK0810-682K	6800	40	252 KHZ	0.55	10	110
PK0810-822K	8200	20	252 KHZ	0.50	15	100
PK0810-103K	10000	20	79.6 KHZ	0.42	24	90
PK0810-473K	47000	60	79.6 KHZ	0.20	80	40
PK0810-104K	100000	20	79.6 KHZ	0.14	180	28

# FC TYPE

## BERING SYSTEM(品名系列)

FC 0502 -270 K -8RV -UL

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①. 产品类型：大电流固定电感 FC 型

②. 产品尺寸：外径×长度。

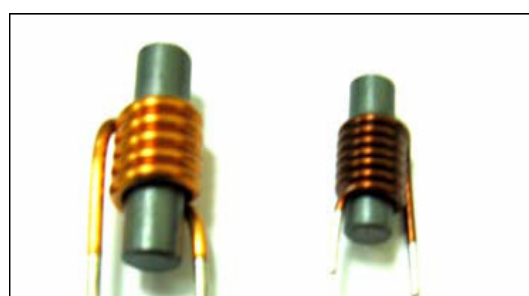
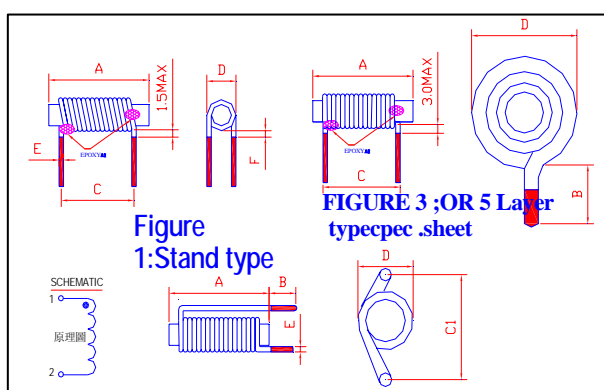
③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30

⑤. 线脚长度。“R”顺时针绕线。“L”逆时针绕线；“V”产品形状为立式，没有是卧式。

⑥. 套管：“SO”；黑色 PVC 套管。“UL” .UL 套管

## 外形和尺寸 Shape and Size(Demensions are in mm)



Part No.	Fig1:standard type			Fig2
	Amax	Bmax	Cref	C1 ref
FC0205	6.0	3.5	3.5	3.5
FC0310	11.0	5.0	7.5	5.0
FC0415	16.0	5.5	12.5	6.0
FC0520	21.0	7.0	15.0	8.0
FC0630	31.0	9.5	25.0	10.0

(特殊品可以根据客户要求另行设计生产)

### 特长及应用 Features & Applications

特长：低成本，使用铁氧体磁芯，高饱和电流，导针热镀锡。

电感值范围：1.0uH 到 56uH 之间 额定电流:基于电流密度大约 8.0A(安培)/每平方公尺.工作温度范围：在 -20℃ 到 80℃ 之间

应用：电源供给器，功率放大器，开关电路的通讯滤波。

珪控整流器和晶闸管控制电路，输出扼流圈，其他滤波器

# FC TYPE

## → 电气性能 Electrical Characteristics

(品名) PART NO.	電感值與容許差 及測定頻率 INDUCTANCE @1KHz (uH)	額定電流 RATED DC CURRENT (AMP) MAX	直流阻值 DC RESISTANCE (OHM) MAX	自共振頻 率 SRF (MHz) MIN	瞬間容許電流值 INCREMENTAL CURRENT (AMP)
FC0820-5R0K	5.0	3.0	0.015	40	19
FC1025-100K	10	3.0	0.081	25	17
FC0820-270K	27	3.0	0.035	8	15
FC0525-500K	50	3.0	0.050	5	12
FC0828-101K	100	3.0	0.065	2.5	8
FC0832-151KA	150	3.0	0.075	2	5
FC0840-251K	250	3.0	0.090	1	3
FC1020-5R0K	5.0	5.0	0.012	30	20
FC0828-100K	10	5.0	0.015	20	18
FC0820-270K	27	5.0	0.025	7	15
FC1025-500K	50	5.0	0.030	4	10
FC0828-680K	68	5.0	0.035	3.5	9
FC1032-101K	100	5.0	0.050	2.5	7
FC1040-151K	150	5.0	0.060	2	5
FC1025-5R0K	5.0	10	0.010	30	19
FC1032-100K	10	10	0.012	20	17
FC0825-270K	27	10	0.018	7	15
FC0832-500K	50	10	0.025	4	9
FC1032-680K	68	10	0.027	3.5	8
FC1040-101K	100	10	0.030	2.5	6
FC1032-5R0K	5.0	15	0.008	30	20
FC1040-100K	10	15	0.010	20	17
FC0828-270KA	27	15	0.015	7	14
FC1035-500N-15A	50	15	0.020	4	9

- \*電感值測試時不加直流電流
- \*電流使電感值下降 小於 10%.
- \*平均電流必須不超過額定電流.
- \*J=±5% K=±10% N=±15% M=±20%

# FC TYPE

## → 电气性能 Electrical Characteristics

料號 (品名) PART NO.	電感值與容許差及測定頻率 INDUC-TANCE 1KHz (uH)	直流阻值 DC RESIS-TANCE (OHM )MAX	額定電流 RATED DC CURRENT (AMP) MAX	自共振頻率 SRF (MHz) MIN	線徑 WIRE SIZE (m/m)	圈數 NO. OF TURNS	淨重 NET WEIGH (g/pcs)
FC0205-1R0K	1.0	0.040	0.56	200	0.3	11.5	0.150
FC0205-1R2K	1.2	0.040	0.56	180	0.3	12.5	0.165
FC0310-1R8K	1.8	0.026	1.90	160	0.55	11.5	0.70
FC0310-2R2K	2.2	0.028	1.57	150	0.5	13.5	0.714
FC0310-2R7K	2.7	0.030	1.57	140	0.5	15.5	0.729
FC0310-3R3K	3.3	0.035	1.27	135	0.45	17.5	0.686
FC0310-3R9K	3.9	0.050	1.00	110	0.4	18.5	0.634
FC0310-4R7K	4.7	0.070	0.76	90	0.35	19.5	0.575
FC0415-4R7K	4.7	0.024	2.26	90	0.6	17.5	1.60
FC0415-5R6K	5.6	0.030	1.90	80	0.55	18.5	1.40
FC0415-6R8K	6.8	0.040	1.57	80	0.5	18.5	1.40
FC0415-8R2K	8.2	0.060	1.27	80	0.45	21.5	1.32
FC0415-100K	10	0.080	1.00	70	0.4	24.5	1.20
FC0520-100K	10	0.040	2.65	60	0.65	22.5	3.10
FC0520-120K	12	0.044	2.26	55	0.6	23.5	2.98
FC0520-150K	15	0.060	1.90	45	0.55	27.5	2.97
FC0520-180K	18	0.080	1.57	40	0.5	29.5	2.87
FC0520-220K	22	0.100	1.27	38	0.45	32.5	2.73
FC0520-270K	27	0.150	1.00	36	0.4	36.5	2.63
FC0630-4R7K	4.7	0.005	16.08	85	1.6	12.5	10.2
FC0630-5R6K	5.6	0.005	16.08	80	1.6	14.5	11.0
FC0630-6R8K	6.8	0.008	10.61	75	1.3	15.5	8.68
FC0630-8R2K	8.2	0.009	9.04	67	1.2	16.5	8.35
FC0630-100K	10	0.010	9.04	64	1.2	19.5	8.80
FC0630-120K	12	0.018	6.28	57	1.0	20.5	7.43
FC0630-150K	15	0.023	5.08	53	0.9	23.5	7.23
FC0630-180K	18	0.030	4.02	49	0.8	24.5	6.70
FC0630-220K	22	0.045	3.07	44	0.7	27.5	6.24
FC0630-270K	27	0.050	3.07	42	0.7	31.5	6.40
FC0630-330K	33	0.060	2.65	36	0.65	35.5	6.53
FC0630-390K	39	0.080	2.26	34	0.6	40.5	6.23
FC0630-470K	47	0.11	1.90	32	0.55	44.5	6.22
FC0630-560K	56	0.14	1.57	30	0.5	46.5	5.80

- \* 電感值測試時不加直流電流
- \* 電流使電感值下降小於 10%
- \* 平均電流必須不超過額定電流
- \* J=+5% K=+10% M=+20%

# VC TYPE

## BERING SYSTEM(品名系列)

FC 0513 -331 K UL -T5

① ② ③ ④ ⑤ ⑥

①. 产品类型：大电流固定电感 FC 型

②. 产品尺寸：外径×长度。

③. 电感值：前两位为有效值，第三位表零的个数。

④. 电感公差： J;5%，K:±10%，L:±15%，M:±20%，P:±25%，N:±30

⑤. 线脚长度。“R”顺时针绕线。“L”逆时针绕线；“V”产品形状为立式，没有是卧式。

⑥. 套管：“SO”；黑色 PVC 套管。“UL” .UL 套管

Shape and size : (Dimensions are in mm)																					
<table border="1"> <thead> <tr> <th>3L P/N</th> <th>A max</th> <th>D max</th> <th>E ±0.05</th> </tr> </thead> <tbody> <tr> <td>VC0310</td> <td>10.5</td> <td>4.5</td> <td>0.65</td> </tr> <tr> <td>VC0410</td> <td>10.5</td> <td>5.5</td> <td>0.60</td> </tr> <tr> <td>VC0513</td> <td>16.5</td> <td>6.6</td> <td>0.60</td> </tr> <tr> <td>VC1019</td> <td>23.0</td> <td>11.5</td> <td>0.60</td> </tr> </tbody> </table>		3L P/N	A max	D max	E ±0.05	VC0310	10.5	4.5	0.65	VC0410	10.5	5.5	0.60	VC0513	16.5	6.6	0.60	VC1019	23.0	11.5	0.60
3L P/N	A max	D max	E ±0.05																		
VC0310	10.5	4.5	0.65																		
VC0410	10.5	5.5	0.60																		
VC0513	16.5	6.6	0.60																		
VC1019	23.0	11.5	0.60																		
<b>Features :</b> <ul style="list-style-type: none"> <li>Low cost power inductors.</li> <li>High current chokes.</li> <li>Wide inductance range.</li> <li>High saturation ferrite core.</li> <li>Coated with varnish or covered with UL shrink tubing.</li> <li>Tape and reel packaging for automatic insertion.</li> </ul>	<b>Ordering information :</b> <b>VC 0410 - 1R0 K - UL - T5</b> (1) (2) (3) (4) (5) (6) (1) Type : Varnish Coated. (2) Style : OD= 4 mm , L=10 mm (3) Inductance : 1R0 for 1.0 uH. (4) Inductance Tolerance: "J" : ±5% ; "K" : ±10% . (5) Sleeve : "UL": Black UL 125°C Tube; No code: No sleeve. (6) Taping Mode: VC0410 T5 Type; VC0513: T5X2 VC1019: T5X3; No code: Bulk.																				
<b>Inductance and rated current ranges :</b> <table border="1"> <tbody> <tr> <td>VC0310</td> <td>1.0 uH ~ 10uH</td> <td>1.57A ~ 1.2A</td> </tr> <tr> <td>VC0410</td> <td>0.15uH ~ 56uH</td> <td>1.85A ~ 300mA</td> </tr> <tr> <td>VC0513</td> <td>3.9 uH ~ 18mH</td> <td>1.28A ~ 39mA</td> </tr> <tr> <td>VC1019</td> <td>3.9 uH ~ 100mH</td> <td>4.0 A ~ 65mA</td> </tr> </tbody> </table>	VC0310	1.0 uH ~ 10uH	1.57A ~ 1.2A	VC0410	0.15uH ~ 56uH	1.85A ~ 300mA	VC0513	3.9 uH ~ 18mH	1.28A ~ 39mA	VC1019	3.9 uH ~ 100mH	4.0 A ~ 65mA	<b>Characteristics :</b> <ul style="list-style-type: none"> <li>Rated DC Current: The current when temperature of coil increases up to Max. <math>\Delta T=40^{\circ}C</math>. (<math>T_a=20^{\circ}C</math>) (VC0410).</li> <li>I sat: The current when the inductance becomes 20% lower than its initial value. (<math>T_a=20^{\circ}C</math>)</li> <li>Suggested rated current: copper wire current density about 8.0 A/mm<sup>2</sup>.</li> <li>Operating temperature : -20 °C to 80 °C.</li> </ul>								
VC0310	1.0 uH ~ 10uH	1.57A ~ 1.2A																			
VC0410	0.15uH ~ 56uH	1.85A ~ 300mA																			
VC0513	3.9 uH ~ 18mH	1.28A ~ 39mA																			
VC1019	3.9 uH ~ 100mH	4.0 A ~ 65mA																			
<b>Test equipment and test setup :</b> <ul style="list-style-type: none"> <li>L &amp; Q: HP 4285A with HP42851A (Freq. &gt;75kHz).</li> <li>L &amp; Q: HP 4284A (Freq.&lt;75kHz).</li> <li>DCR : Milli-ohm meter.</li> <li>SRF : HM 946 I L-SRF meter.</li> <li>Electrical specifications at 25°C.</li> </ul>	<b>Applications :</b> <ul style="list-style-type: none"> <li>TVs and Audio equipment .</li> <li>Telecommunication devices .</li> <li>RF filters .</li> </ul>																				

# VC 0310/0410 TYPE

## → 电气性能 Electrical Characteristics

Part No.	L (uH)	Q Min.	L, Q Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ohm) Max.	Rated Current (mA) Max.	Core material
VC0310-1R0M	1.0	40	25.2	160	0.017	1800	Ferrite
VC0310-2R2K	2.2	20	7.96	150	0.025	1600	Ferrite
VC0310-4R7K	4.7	25	7.96	135	0.090	1400	Ferrite
VC0310-100K	10	20	7.96	50	0.220	1200	Ferrite
VC0410-R15M	0.15	70	25.2	480	0.018	1850	Ceramic
VC0410-R18M	0.18	70	25.2	450	0.022	1800	Ceramic
VC0410-R22M	0.22	70	25.2	400	0.025	1740	Ceramic
VC0410-R27M	0.27	70	25.5	380	0.029	1680	Ceramic
VC0410-R33M	0.33	70	25.2	300	0.032	1610	Ceramic
VC0410-R39M	0.39	70	25.2	280	0.035	1540	Ceramic
VC0410-R47M	0.47	70	25.2	260	0.039	1430	Ceramic
VC0410-R56M	0.56	70	25.2	210	0.049	1320	Ceramic
VC0410-R68M	0.68	70	25.2	190	0.078	1200	Ceramic
VC0410-R82M	0.82	70	25.2	180	0.090	1130	Ceramic
VC0410-1R0M	1.0	70	25.2	165	0.105	1020	Ceramic
VC0410-1R2K	1.2	55	7.96	150	0.063	1580	Ferrite
VC0410-1R5K	1.5	55	7.96	135	0.071	1500	Ferrite
VC0410-1R8K	1.8	55	7.96	125	0.078	1450	Ferrite
VC0410-2R2K	2.2	55	7.96	115	0.088	1380	Ferrite
VC0410-2R7K	2.7	55	7.96	105	0.098	1320	Ferrite
VC0410-3R3K	3.3	60	7.96	90	0.205	870	Ferrite
VC0410-3R9K	3.9	60	7.96	85	0.225	840	Ferrite
VC0410-4R7K	4.7	60	7.96	80	0.25	800	Ferrite
VC0410-5R6K	5.6	60	7.96	70	0.28	750	Ferrite
VC0410-6R8K	6.8	60	7.96	65	0.31	710	Ferrite
VC0410-8R2K	8.2	55	7.96	60	0.35	680	Ferrite
VC0410-100K	10	55	7.96	40	0.39	640	Ferrite
VC0410-120K	12	65	2.52	40	0.67	450	Ferrite
VC0410-150K	15	65	2.52	40	0.76	430	Ferrite
VC0410-180K	18	70	2.52	36	0.85	410	Ferrite
VC0410-220K	22	70	2.52	33	0.96	390	Ferrite
VC0410-270K	27	70	2.52	31	1.10	360	Ferrite
VC0410-330K	33	65	2.52	29	1.24	345	Ferrite
VC0410-390K	39	65	2.52	26	1.37	330	Ferrite
VC0410-470K	47	60	2.52	23	1.65	315	Ferrite
VC0410-560K	56	55	2.52	20	1.95	300	Ferrite

# VC 0513 TYPE

## → 电气性能 Electrical Characteristics

Part No.	L (uH) @1kHz	DCR (Ohm) Max.	I sat. (DC Amps) Ref.	Suggested Rated Current (AC Amps) Ref.
VC0513-3R9K-□□	3.9	0.019	7.3	1.28
VC0513-4R7K-□□	4.7	0.022	6.3	1.28
VC0513-5R6K-□□	5.6	0.024	5.6	1.28
VC0513-6R8K-□□	6.8	0.026	5.3	1.28
VC0513-8R2K-□□	8.2	0.028	4.5	1.28
<b>VC0513-100K-□□</b>	<b>10</b>	<b>0.033</b>	<b>4.1</b>	<b>1.28</b>
VC0513-120K-□□	12	0.037	3.6	1.28
VC0513-150K-□□	15	0.040	3.3	1.28
VC0513-180K-□□	18	0.044	3.0	1.28
VC0513-220K-□□	22	0.050	2.7	1.28
VC0513-270K-□□	27	0.058	2.5	1.28
VC0513-330K-□□	33	0.075	2.2	1.008
VC0513-390K-□□	39	0.094	2.0	0.804
VC0513-470K-□□	47	0.109	1.8	0.804
VC0513-560K-□□	56	0.140	1.7	0.804
VC0513-680K-□□	68	0.145	1.5	0.804
VC0513-820K-□□	82	0.152	1.4	0.804
<b>VC0513-101K-□□</b>	<b>100</b>	<b>0.208</b>	<b>1.2</b>	<b>0.632</b>
VC0513-121K-□□	120	0.283	1.1	0.508
VC0513-151K-□□	150	0.340	1.0	0.508
VC0513-181K-□□	180	0.362	0.95	0.508
VC0513-221K-□□	220	0.430	0.86	0.508
VC0513-271K-□□	270	0.557	0.77	0.400
VC0513-331K-□□	330	0.665	0.70	0.400
VC0513-391K-□□	390	0.772	0.64	0.400
VC0513-471K-□□	470	1.15	0.59	0.315
VC0513-561K-□□	560	1.27	0.54	0.315
VC0513-681K-□□	680	1.61	0.49	0.250
VC0513-821K-□□	820	1.96	0.44	0.200
<b>VC0513-102K-□□</b>	<b>1000</b>	<b>2.30</b>	<b>0.40</b>	<b>0.200</b>
VC0513-122K-□□	1200	2.65	0.35	0.200
VC0513-152K-□□	1500	3.45	0.33	0.158
VC0513-182K-□□	1800	4.03	0.29	0.158
VC0513-222K-□□	2200	4.48	0.27	0.158
VC0513-272K-□□	2700	5.90	0.24	0.125
VC0513-332K-□□	3300	6.56	0.22	0.125
VC0513-392K-□□	3900	8.63	0.20	0.100
VC0513-472K-□□	4700	10.5	0.18	0.100
VC0513-562K-□□	5600	13.9	0.166	0.082
VC0513-682K-□□	6800	16.3	0.151	0.082
VC0513-822K-□□	8200	20.8	0.136	0.065
<b>VC0513-103K-□□</b>	<b>10000</b>	<b>26.4</b>	<b>0.125</b>	<b>0.050</b>
VC0513-123K-□□	12000	29.2	0.114	0.050
VC0513-153K-□□	15000	42.5	0.098	0.039
VC0513-183K-□□	18000	48.3	0.091	



# VC 1019 TYPE

## → 电气性能 Electrical Characteristics

Part No.	L (uH) @1kHz	DCR (Ohm) Max.	I sat. (DC Amps) Ref.	Suggested Rated Current (AC Amps) Ref.
VC1019 -3R9K - UL	3.9	0.007	15.5	4.0
VC1019 -4R7K - UL	4.7	0.008	13.9	4.0
VC1019 -6R8K - UL	6.8	0.011	11.6	4.0
<b>VC1019 -100K - UL</b>	<b>10</b>	<b>0.017</b>	<b>8.70</b>	<b>4.0</b>
VC1019 -150K - UL	15	0.022	7.34	4.0
VC1019 -220K - UL	22	0.026	6.07	4.0
VC1019 -270K - UL	27	0.027	5.36	4.0
VC1019 -330K - UL	33	0.032	4.82	4.0
VC1019 -390K - UL	39	0.033	4.36	4.0
VC1019 -470K - UL	47	0.035	3.98	4.0
VC1019 -560K - UL	56	0.037	3.66	3.2
VC1019 -680K - UL	68	0.047	3.31	2.5
VC1019 -820K - UL	82	0.060	3.10	2.0
<b>VC1019 -101K - UL</b>	<b>100</b>	<b>0.090</b>	<b>2.79</b>	<b>1.6</b>
VC1019 -121K - UL	120	0.113	2.54	1.6
VC1019 -151K - UL	150	0.129	2.22	1.6
VC1019 -181K - UL	180	0.150	1.98	1.6
VC1019 -221K - UL	220	0.162	1.89	1.6
VC1019 -271K - UL	270	0.208	1.63	1.6
VC1019 -331K - UL	330	0.212	1.51	1.6
VC1019 -391K - UL	390	0.281	1.39	1.6
VC1019 -471K - UL	470	0.380	1.24	1.2
VC1019 -561K - UL	560	0.420	1.17	1.0
VC1019 -681K - UL	680	0.548	1.05	1.0
VC1019 -821K - UL	820	0.655	0.97	0.8
<b>VC1019 -102K - UL</b>	<b>1000</b>	<b>0.844</b>	<b>0.87</b>	<b>0.8</b>
VC1019 -122K - UL	1200	1.04	0.79	0.6
VC1019 -152K - UL	1500	1.18	0.70	0.6
VC1019 -182K - UL	1800	1.56	0.64	0.6
VC1019 -222K - UL	2200	2.00	0.58	0.5
VC1019 -272K - UL	2700	2.06	0.53	0.4
VC1019 -332K - UL	3300	2.53	0.47	0.4
VC1019 -392K - UL	3900	2.75	0.43	0.4
VC1019 -472K - UL	4700	3.19	0.39	0.4
VC1019 -562K - UL	5600	3.92	0.359	0.315
VC1019 -682K - UL	6800	5.69	0.322	0.250
VC1019 -822K - UL	8200	6.32	0.293	0.250
<b>VC1019 -103K - UL</b>	<b>10000</b>	<b>7.30</b>	<b>0.266</b>	<b>0.250</b>
VC1019 -153K - UL	15000	10.5	0.214	0.200
VC1019 -223K - UL	22000	21.8	0.180	0.125
VC1019 -333K - UL	33000	25.7	0.146	0.125
VC1019 -473K - UL	47000	36.1	0.122	0.100
VC1019 -683K - UL	68000	57.3	0.101	0.082
<b>VC1019 -104K - UL</b>	<b>100,000</b>	<b>89.7</b>	<b>0.081</b>	<b>0.065</b>

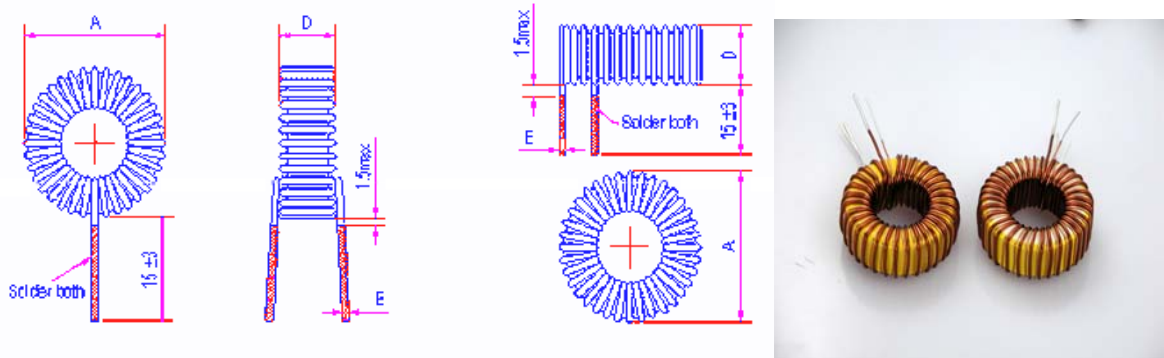
# TC TYPE

BERING SYSTEM(品名系列)

TC -101 M- 2A- 50- 26

① ② ③ ④ ⑤ ⑥

- (1) 產品類型：環型電感器，即 TC 型
- (2) 電感值：例如：101 表示 100 uH
- (3) 電感容許公差：J:±5%；K:±10%；M:±20%。
- (4) 電流單位為安培。
- (5) 鐵芯：外徑=0.5 吋。
- (6) 鐵芯材質："-26"或"-52"。



## 外形和尺寸 Shape and Size(Dimensions are in mm)

編號 NO.	料號(品名) PART NO.	完成品尺寸 (公釐)		完成品參考重量 Weight (Grams) (For REF)
		A (Max)	D (Max)	
1	TC-5ROM-0.5A-2026	7.5	4.5	0.4
2	TC-9ROM-0.3A-2026	8.0	4.5	0.2
3	TC-150M-0.5A-2026	7.5	4.5	0.4
4	TC-200M-0.2A-2026	7.5	4.0	0.2
5	TC-270M-0.1A-2026	7.5	4.0	0.2
6	TC-270M-0.3A-2026	8.0	4.5	0.2
7	TC-100M-2.0A-3026	12.0	7.0	1.6
8	TC-120M-1.0A-3026	10.5	6.0	1.2
9	TC-320M-1.0A-3026	12.0	7.0	1.4
10	TC-370M-0.5A-3026	10.0	5.5	1.0
11	TC-141M-0.5A-3026	10.0	6.0	1.2

(特殊品可以根据客户要求另行设计生产)

## 特长及应用 Features & Applications

- 電源供給器。
- 開關電路。
- 珪控整流器和晶閘管控制電路。
- 輸出扼流
- EMI / RFI 扼流圈。
- 其他濾波器。

## →电气性能及尺寸 Electrical Characteristics and Size

料號 PART NO.	最大電流量 MAX. Current IDC: (AMP)	Inductance @ 1KHz		直流阻 值 DCR (MAX) (OHM)	完成尺寸	
		電感值 At IDC=0A (uH)	最大電流量下的電感 值 At IDC=Max Current (uH)		A (max)	D (max)
TC-5R0M-0.5A-2026	0.5	5	4.9	0.007	7.5	4.5
TC-9R0M-0.3A-2026	0.3	9	8.8	0.011	8.0	4.5
TC-150M-0.5A-2026	0.5	15	13.5	0.070	7.5	4.5
TC-200M-0.2A-2026	0.2	20	19.8	0.198	7.5	4.0
TC-270M-0.1A-2026	0.1	27	27	0.033	7.5	4.0
TC-270M-0.3A-2026	0.3	27	25.5	0.031	8.0	4.5
TC-100M-2.0A-3026	2	10	7.7	0.017	12.0	7.0
TC-120M-1.0A-3026	1	12	10.7	0.040	10.5	6.0
TC-320M-1.0A-3026	1	32	25	0.065	12.0	7.0
TC-370M-0.5A-3026	0.5	37	33.7	0.134	10.0	5.5
TC-141M-0.5A-3026	0.5	140	107	0.265	10.0	6.0
TC-8R2M-2.0A-3726	2	8.2	7.2	0.017	14.5	7.0
TC-220M-2.0A-3726	2	22	17	0.030	14.5	7.5
TC-240M-1.0A-3726	1	24	22	0.055	13.5	6.0
TC-560M-0.5A-3726	0.5	56	53	0.181	12.5	5.5
TC-680M-1.0A-3726	1	68	53	0.095	13.5	6.5
TC-241M-0.5A-3726	0.5	240	190	0.360	13.0	6.5
TC-150M-2.0A-4426	2	15	12.6	0.023	15.5	7.5
TC-430M-1.0A-4426	1	43	37	0.074	15.5	7.0
TC-111M-0.5A-4426	0.5	110	100	0.250	14.0	6.5
TC-141M-1.0A-4426	1	140	104	0.140	15.0	7.5
TC-361M-0.5A-4426	0.5	360	285	0.460	14.5	7.5
TC-200M-3.0A-5026	3	20	15	0.021	14.5	7.5
TC-300M-2.0A-5026	2	30	25	0.035	17.5	8.0
TC-600M-3.0A-5026	3	60	35	0.038	18.0	10.0
TC-680M-1.0A-5026	1	68	60	0.101	16.0	7.5
TC-101M-2.0A-5026	2	100	63	0.081	17.0	9.0
TC-221M-1.0A-5026	1	220	162	0.190	16.5	8.0
TC-220M-5.0A-6026	5	22	15	0.014	21.5	11.5
TC-290M-4.0A-6026	4	29	20	0.020	21.0	11.0
TC-350M-3.0A-6026	3	35	28	0.026	20.5	10.5
TC-580M-2.0A-6026	2	58	45	0.061	20.0	10.0
TC-900M-3.0A-6026	3	90	52.5	0.044	20.5	12.5
TC-111M-2.0A-6026	2	110	79	0.069	19.5	10.0
TC-131M-1.0A-6026	1	130	116	0.146	19.0	9.0

## →电气性能及尺寸 Electrical Characteristics and Size

料號 PART NO.	最大電流量 MAX. Current IDC: (AMP)	Inductance @ 1KHz		直流阻 值 DCR (MAX) (OHM)	完成尺寸	
		電感值 At IDC=0A (uH)	最大電流量下的電感 值 At IDC=Max Current (uH)		A (max)	D (max)
TC-471M-1.0A-6826	0.5	5	4.9	0.007	7.5	4.5
TC-250M-5.0A-6826	0.3	9	8.8	0.011	8.0	4.5
TC-320M-4.0A-6826	0.5	15	13.5	0.070	7.5	4.5
TC-430M-3.0A-6826	0.2	20	19.8	0.198	7.5	4.0
TC-650M-2.0A-6826	0.1	27	27	0.033	7.5	4.0
TC-111M-4.0A-6826	0.3	27	25.5	0.031	8.0	4.5
TC-131M-3.0A-6826	2	10	7.7	0.017	12.0	7.0
TC-151M-1.0A-6826	1	12	10.7	0.040	10.5	6.0
TC-231M-2.0A-6826	1	32	25	0.065	12.0	7.0
TC-501M-1.0A-6826	0.5	37	33.7	0.134	10.0	5.5
TC-500M-5.0A-8026	0.5	140	107	0.265	10.0	6.0
TC-600M-4.0A-8026	2	8.2	7.2	0.017	14.5	7.0
TC-750M-3.0A-8026	2	22	17	0.030	14.5	7.5
TC-820M-3.0A-8026	1	24	22	0.055	13.5	6.0
TC-101M-3.0A-8026	0.5	56	53	0.181	12.5	5.5
TC-111M-2.0A-8026	1	68	53	0.095	13.5	6.5
TC-151M-5.0A-8026	0.5	240	190	0.360	13.0	6.5
TC-221M-4.0A-8026	2	15	12.6	0.023	15.5	7.5
TC-271M-3.0A-8026	1	43	37	0.074	15.5	7.0
TC-321M-2.0A-8026	0.5	110	100	0.250	14.0	6.5
TC-431M-2.0A-8026	1	140	104	0.140	15.0	7.5
TC-961M-1.0A-8026	0.5	360	285	0.460	14.5	7.5
TC-900M-5.0A-9026	3	20	15	0.021	14.5	7.5
TC-141M-3.0A-9026	2	30	25	0.035	17.5	8.0
TC-201M-2.0A-9026	3	60	35	0.038	18.0	10.0
TC-321M-5.0A-9026	1	68	60	0.101	16.0	7.5
TC-451M-2.0A-9026	2	100	63	0.081	17.0	9.0
TC-471M-1.0A-9026	1	220	162	0.190	16.5	8.0
TC-471M-3.0A-9026	5	22	15	0.014	21.5	11.5
TC-182M-1.0A-9026	4	29	20	0.020	21.0	11.0

\*J=±5%

K=±10%

M=±20%

## →电气性能及尺寸 Electrical Characteristics and Size

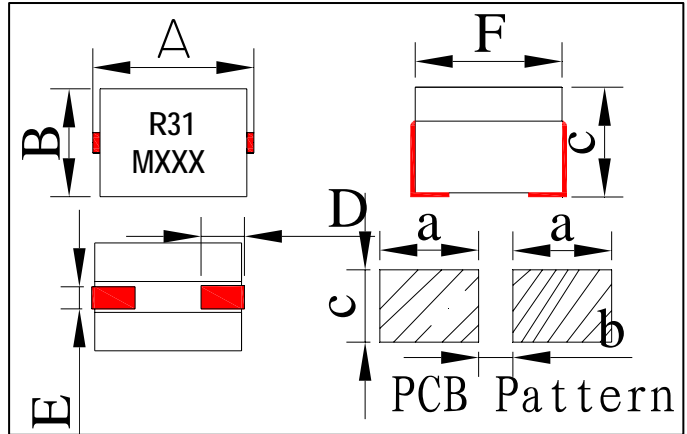
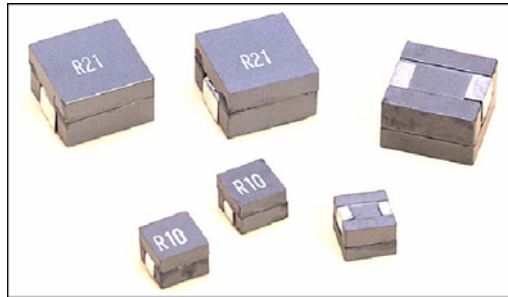
料號 PART NO.	最大電流量 MAX. Current IDC: (AMP)	Inductance @ 1KHz		直流阻 值 DCR (MAX) (OHM)	完成尺寸	
		電感值 At IDC=0A (uH)	最大電流量下的電感 值 At IDC=Max Current (uH)		A (max)	D (max)
TC-820M-5.0A-9426	0.5	5	4.9	0.007	7.5	4.5
TC-101M-4.0A-9426	0.3	9	8.8	0.011	8.0	4.5
TC-131M-3.0A-9426	0.5	15	13.5	0.070	7.5	4.5
TC-221M-2.0A-9426	0.2	20	19.8	0.198	7.5	4.0
TC-301M-5.0A-9426	0.1	27	27	0.033	7.5	4.0
TC-391M-4.0A-9426	0.3	27	25.5	0.031	8.0	4.5
TC-471M-1.0A-9426	2	10	7.7	0.017	12.0	7.0
TC-501M-3.0A-9426	1	12	10.7	0.040	10.5	6.0
TC-781M-2.0A-9426	1	32	25	0.065	12.0	7.0
TC-132M-1.0A-9426	0.5	37	33.7	0.134	10.0	5.5
TC-300M-10A-10626	0.5	140	107	0.265	10.0	6.0
TC-350M-10.0A-10626	2	8.2	7.2	0.017	14.5	7.0
TC-560M-7.0A-10626	2	22	17	0.030	14.5	7.5
TC-680M-7.0A-10626	1	24	22	0.055	13.5	6.0
TC-820M-7.0A-10626	0.5	56	53	0.181	12.5	5.5
TC-101M-4.0A-10626	1	68	53	0.095	13.5	6.5
TC-151M-5.0A-10626	0.5	240	190	0.360	13.0	6.5
TC-201M-3.0A-10626	2	15	12.6	0.023	15.5	7.5
TC-301M-2.0A-10626	1	43	37	0.074	15.5	7.0
TC-851M-2.0A-10626	0.5	110	100	0.250	14.0	6.5
TC-750M-10.0A-13026	1	140	104	0.140	15.0	7.5
TC-131M-7.0A-13026	0.5	360	285	0.460	14.5	7.5
TC-201M-5.0A-13026	3	20	15	0.021	14.5	7.5
TC-251M-10.0A-13026	2	30	25	0.035	17.5	8.0
TC-471M-7.0A-13026	3	60	35	0.038	18.0	10.0
TC-681M-5.0A-13026	1	68	60	0.101	16.0	7.5
*J=±5%                      K=±10%                      M=±20%						

# HSMB TYPE (NEW)

## PART NUMBERING SYSTEM(品名系列)

HSMB    1070    -R31    M    -R47    -R  
①    ②    ③    ④    ⑤    ⑥

- ①. 产品类型：产品代码。
- ②. 产品尺寸：外围×高度。
- ③. 电感值：前两位为有效值，第三位表零的个数。
- ④. 电感公差： J:5%, K:±10%, L:±15%, M:±20%, P:±25%, N:±30%。
- ⑤. 电阻值：“R47”表示 0.47MΩ
- ⑥. 印字方式：此款产品为网板丝印



→EXTERNAL DIMENSION UNIT:mm(外形尺寸)

PART NO.	A	B	C	D	E	F	a	b	c
HSMB1070	10.4max	7.0 max	7.2 max	2.7±0.5	1.7±0.5	9.8±0.5	2.8	2.8	2.6
HSMB1075	10.4 max	7.0 max	7.5 max	2.7±0.5	1.7±0.5	9.8±0.5	2.8	2.8	2.6
HSMB0605	7.2 max	6.8 max	5.0 max	1.5±0.5	2.5±0.5	5.7±0.5	2.50	2.50	4.50
HSMB1005	10.2 max	6.8 max	5.0 max	1.5±0.5	2.5±0.5	8.7±0.5	2.50	5.50	4.50
HSMB1208	13.5 max	12.95 max	8.0 max	2.5±0.5	5.0±0.5	10.9±0.5	3.35	7.10	7.60

(特殊品可以根据客户要求另行设计生产)

特长及应用 Features & Applications

.低电阻.耐高电流.温升小.目前正逐步进入电脑主板.车载主板耐高电流区域

# HSMB1070 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMB1070-R10M	0.10	0.47	45.0	<b>100KHZ/1.0V</b>
HSMB1070-R12M	0.12	0.47	43.6	<b>100KHZ/1.0V</b>
HSMB1070-R15M	0.15	0.47	44.8	<b>100KHZ/1.0V</b>
HSMB1070-R18M	0.18	0.45	44.6	<b>100KHZ/1.0V</b>
HSMB1070-R20M	0.20	0.48	48.2	<b>100KHZ/1.0V</b>
HSMB1070-R25M	0.25	0.46	40.2	<b>100KHZ/1.0V</b>
HSMB1070-R31M	0.31	0.46	43.6	<b>100KHZ/1.0V</b>
HSMB1070-R35M	0.35	0.42	42.5	<b>100KHZ/1.0V</b>
HSMB1070-R40M	0.40	0.48	42.3	<b>100KHZ/1.0V</b>
HSMB1070-R45M	0.45	0.50	44.2	<b>100KHZ/1.0V</b>
HSMB1070-R50M	0.50	0.47	44.3	<b>100KHZ/1.0V</b>
HSMB1070-R55M	0.55	0.48	42.6	<b>100KHZ/1.0V</b>
HSMB1070-R60M	0.60	0.50	41.9	<b>100KHZ/1.0V</b>

# HSMB1075 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMB1075-R10M	0.10	0.47	42.0.0	<b>100KHZ/1.0V</b>
HSMB1075-R12M	0.12	0.47	35.8	<b>100KHZ/1.0V</b>
HSMB1075-R15M	0.15	0.47	35.6	<b>100KHZ/1.0V</b>
HSMB1075-R18M	0.18	0.45	35.5	<b>100KHZ/1.0V</b>
HSMB1075-R20M	0.20	0.48	35.0	<b>100KHZ/1.0V</b>
HSMB1070-R25M	0.25	0.46	34.2	<b>100KHZ/1.0V</b>
HSMB1075-R31M	0.31	0.46	33.0	<b>100KHZ/1.0V</b>
HSMB1075-R35M	0.35	0.42	33.0	<b>100KHZ/1.0V</b>
HSMB1075-R40M	0.40	0.48	33.0	<b>100KHZ/1.0V</b>
HSMB1075-R45M	0.45	0.50	28.0	<b>100KHZ/1.0V</b>
HSMB1075-R50M	0.50	0.47	27.5	<b>100KHZ/1.0V</b>
HSMB1075-R55M	0.55	0.48	27.0	<b>100KHZ/1.0V</b>
HSMB1075-R60M	0.60	0.50	25.0	<b>100KHZ/1.0V</b>



# HSMB0605 TYPE

## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMB0605-R10M	0.10	0.50	45.3	<b>100KHZ/1.0V</b>
HSMB0605-R12M	0.12	0.47	41.0	<b>100KHZ/1.0V</b>
HSMB0605-R15M	0.15	0.46	41.0	<b>100KHZ/1.0V</b>
HSMB1070-R18M	0.18	0.45	40.0	<b>100KHZ/1.0V</b>
HSMB0605-R20M	0.20	0.48	38.0	<b>100KHZ/1.0V</b>
HSMB0605-R25M	0.25	0.46	38.0	<b>100KHZ/1.0V</b>
HSMB0605-R31M	0.31	0.46	36.0	<b>100KHZ/1.0V</b>
HSMB0605-R35M	0.35	0.42	35.0	<b>100KHZ/1.0V</b>
HSMB0605-R40M	0.40	0.48	33.0	<b>100KHZ/1.0V</b>
HSMB0605-R45M	0.45	0.50	30.0	<b>100KHZ/1.0V</b>
HSMB0605-R50M	0.50	0.47	28.0	<b>100KHZ/1.0V</b>
HSMB0605-R55M	0.55	0.48	27.5	<b>100KHZ/1.0V</b>
HSMB0605-R60M	0.60	0.50	26.0	<b>100KHZ/1.0V</b>

# HSMB1005 TYPE

## →电气性能 Electrical Characteristics

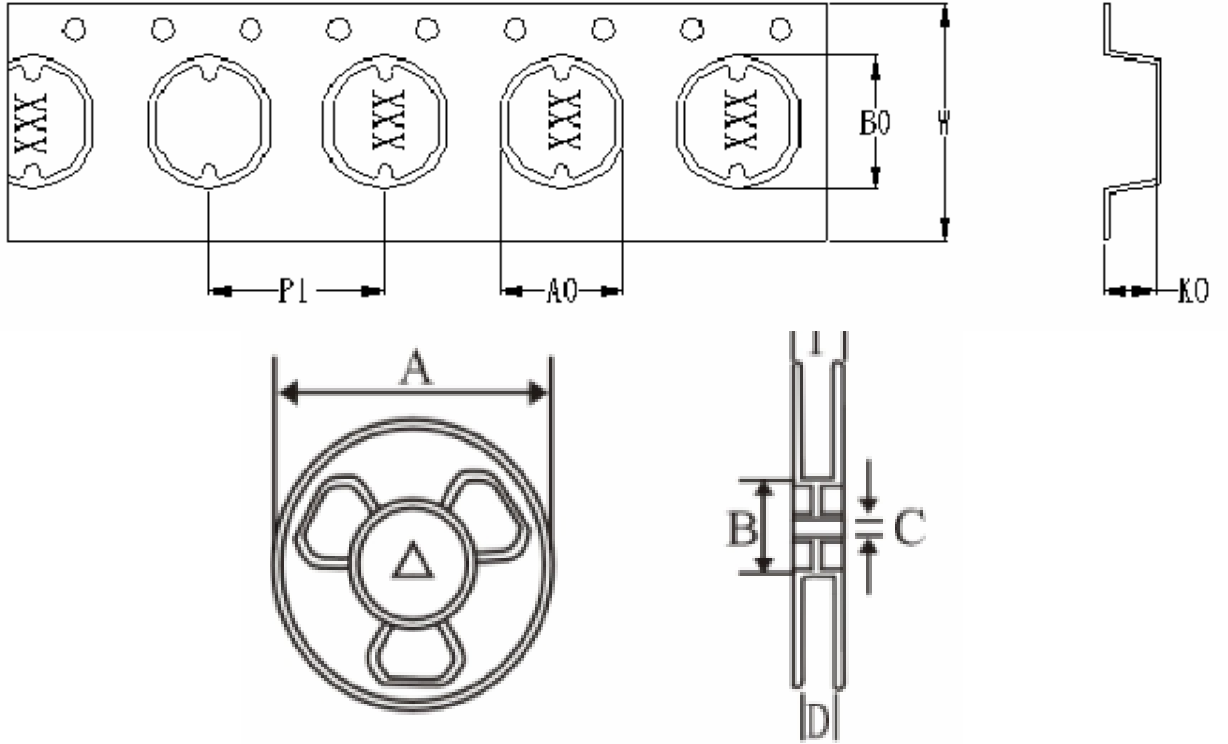
PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMB1005-R10M	0.10	0.47	44.5	<b>100KHZ/1.0V</b>
HSMB1005-R12M	0.12	0.47	44.0	<b>100KHZ/1.0V</b>
HSMB1005-R15M	0.15	0.47	43.0	<b>100KHZ/1.0V</b>
HSMB1000-R18M	0.18	0.45	42.0	<b>100KHZ/1.0V</b>
HSMB1005-R20M	0.20	0.48	40.0	<b>100KHZ/1.0V</b>
HSMB1005-R25M	0.25	0.46	38.0	<b>100KHZ/1.0V</b>
HSMB1005-R31M	0.31	0.46	35.0	<b>100KHZ/1.0V</b>
HSMB1005-R35M	0.35	0.42	34.032.0	<b>100KHZ/1.0V</b>
HSMB1005-R40M	0.40	0.48	31.0	<b>100KHZ/1.0V</b>
HSMB1005-R45M	0.45	0.50	30.0	<b>100KHZ/1.0V</b>
HSMB1005-R50M	0.50	0.47	25.0	<b>100KHZ/1.0V</b>
HSMB1005-R55M	0.55	0.48	22.0	<b>100KHZ/1.0V</b>
HSMB1005-R60M	0.60	0.50	21.0	<b>100KHZ/1.0V</b>

# HSMB1208 TYPE

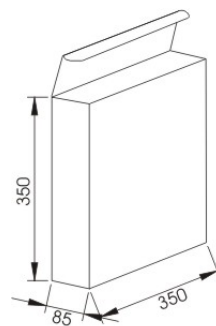
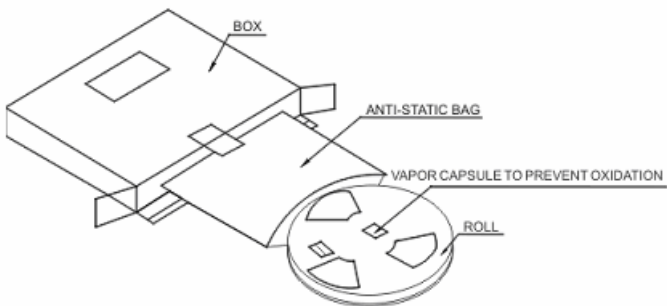
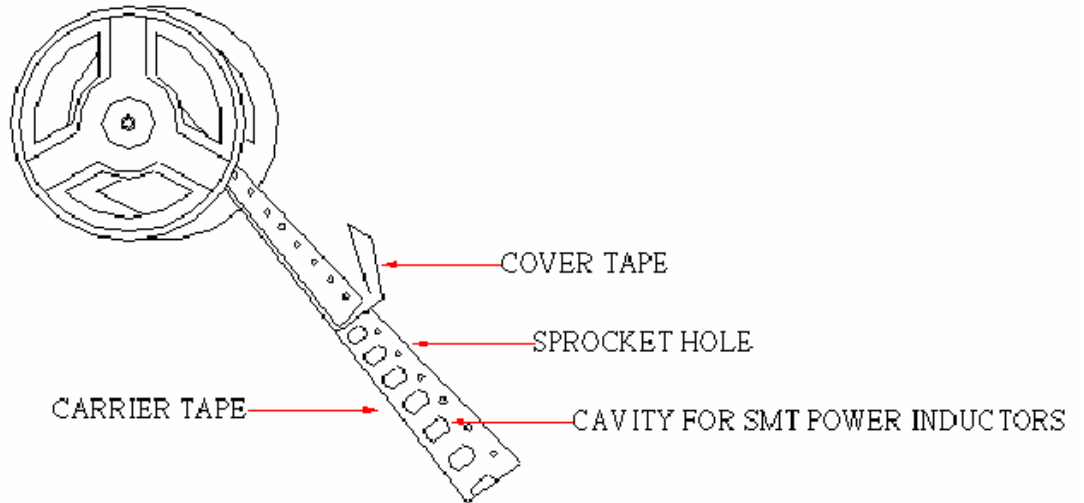
## →电气性能 Electrical Characteristics

PART NO. 品名	INDUCTANCE(uh) 电感值	DCR(MaX) (mΩ) 直流电阻	IDC(A)(MaX) 最大耐电流 ΔL=10%	TEST FREQ 测试频率
HSMB1208-R10M	0.10	0.47	44.0	<b>100KHZ/1.0V</b>
HSMB1208-R12M	0.12	0.47	42.5	<b>100KHZ/1.0V</b>
HSMB1208-R15M	0.15	0.47	40.5	<b>100KHZ/1.0V</b>
HSMB1208-R18M	0.18	0.45	40.5	<b>100KHZ/1.0V</b>
HSMB1208-R20M	0.20	0.48	38.0	<b>100KHZ/1.0V</b>
HSMB1208-R25M	0.25	0.46	37.5	<b>100KHZ/1.0V</b>
HSMB1208-R31M	0.31	0.46	34.0	<b>100KHZ/1.0V</b>
HSMB1208-R35M	0.35	0.42	33.5	<b>100KHZ/1.0V</b>
HSMB1208-R40M	0.40	0.48	32.0	<b>100KHZ/1.0V</b>
HSMB1208-R45M	0.45	0.50	31.5	<b>100KHZ/1.0V</b>
HSMB1208-R50M	0.50	0.47	30.0	<b>100KHZ/1.0V</b>
HSMB1208-R55M	0.55	0.48	28.5	<b>100KHZ/1.0V</b>
HSMB1208-R60M	0.60	0.50	27.5	<b>100KHZ/1.0V</b>

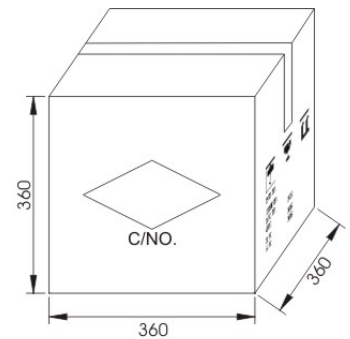
→ (包装方式)



→



Inner cartonbox



Outer cartonbox

4 boxes in case

## REEL DIMENSIONS & PACKING UNIT(卷轴尺寸及包装数量)(MM)

PART NO. 品名	DIMENSIONS OF REEL (卷轴尺寸) (MM)					PACKAING UNIT 包装数 (K)
	A	B	C	D	T	
HSMB1070	338.5±0.5	101.5±0.5	7.6±0.5	12.5±0.5	10.6±0.5	1.5
HSMB1075	338.6±0.5	102.5±0.5	8.1±0.5	12.6±0.5	11.3±0.5	1
HSMB0605	337.6±0.5	102.6±0.5	8.0±0.5	12.5±0.5	11.5±0.5	1
HSMB1005	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	0.5
HSMB1008	339.5±0.5	102.6±0.5	8.0±0.5	12.5±0.5	10.6±0.5	0.5

## →CARRIER TAPE DIMENSIONS(载带尺寸) (MM)

PART NO. 品名	DIMENSIONS OF REEL (载带尺寸) (MM)					PACKAING UNIT 包装数(K)
	P1	A0	B0	W	K0	
HSMB1070	19.25	7.55	9.90	21.36	8.05	1.5
HSMB1075	20.33	7.60	9.85	22.05	8.12	1
HSMB0605	13.22	6.90	7.30	25.30	5.42	1
HSMB1005	13.25	6.95	10.26	25.30	5.45	0.5
HSMB1008	25.33	13.02	14.05	28.50	8.50	0.5



### ROHS compliant(SGS Ceetifiend Result)

本产品满足环境保护要求 (有害物资限用)

Pb 铅	Cd 铬	Hg 汞	Cr <sup>+6</sup> 六价铬	PBBs 多溴联苯	PBDEs 多溴联苯醚
<1000ppm	Nd	Nd	Nd	Nd	Nd

# LEAD FREE 环保要求

## ■ About ROHS(关于 ROHS 的相关内容)

WEEE stand for waste Electronic Equipment Directive 2002/96/EC

ROHS Stand for Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Directive 2002/96/EC

WEEE 代表 ‘电子电气设备废弃物’ 指令 2002/96/EC

ROHS 代表 ‘电子电气设备中限制使用某些特定有害物质’ 指令 2002/96/EC.

## ■ Importance of Lead-Free Products(无铅品的重要性)

Soldering with Tin/Lead is in common use in electronic assembling. However, turning to Lead-Free soldering appears for ROHS in the whole industry. The reason is that people realize more and more about the use of Lead and the bad effect it does to people's health.

以锡/铅为成分的焊锡是电子行业最常用的焊锡，但是整个电子行业已经向无铅焊锡转变。原因是人们已经了解到铅对人体健康的不良伤害！

## ■ The harm to health of Lead contains the foul-up of New system, and problems such as slowly upgrowth of nerve and body. Lead-Poisoning especially do bad effect to nerve-upgrowth of young children.

铅的危害包括神经系统和生育系统紊乱。神经和身体发育迟缓，铅中毒对年幼儿童的神经发育有重大影响。

There are laws built to contain the use of controlled substances. Such as WEEE, ROHS, GP, etc. already have laws to control substances, such as WEEE, ROHS, GP, etc.

(Controlled substance content: Pb, Cd, Hg, Cr<sup>+6</sup>, PBB, PBDE)

管制物品包括铅及铅化合物，镉及镉化合物，六价铬化合物，多溴联苯，多溴二苯醚)

## ■ The quantity contained criterion of controlled substance

管制物品含量标准。

Name 物质名称	Criterion 标准	Remarks 备注
Cd	≤100ppm	
Pb	≤100ppm	
Hg	ND	
Cr <sup>+6</sup>	ND	
PBB	ND	
PBDE	ND	
Pb+Cd+Hg+ Cr <sup>+6</sup>	≤100ppm	包装材料

## ① Inductance/电感值

The inductance is measured with a LCR meter or an impedance analyzer

电感值使用 LCR 数字电桥或其他阻抗分析仪测试

Test frequency :1KHZ or 100KHZ

功率电感测试: 1KHZ 或 100KHZ

## ② Q Factor /Q 品质因素

The unloaded Q is measured with a Q-meter .LCR meter or an impedance analyzer

使用 Q 值测试仪. LCR 数字电桥或其他阻抗分析仪。

The frequency of measurement is that at which the inductance has been measured or

At a different frequency as spectified

测试频率应和测试电感的频率一致或作为特殊测试频率

## ③ D.C Resistance /电阻值

A digital multimeter is used for measurement

使用数字智能电阻测试仪

## ④ Self-resonant frequency/自震频率

Measured with impedance analyzer or network analyzer

使用阻抗分析仪或网络分析仪。

## ⑤ Rated current (maximum allowable current )有效电流。

The maximum allowable superposed DC current is that which lowers the initial value of inductance'

By 25%, or that which cause a rise in temperature by 40°C. whichever is lower(standard value at

At 20°C)

有效电流是取电感下降 25% 与温度上升 40°C 时的最小值。(标准室温为 20°C)

## ⑥ Dielectric strength/电压强度 (耐压)

For power inductors apply 100VDC for 60 seconds between the shielding core and terminals

There should be no damager or abnormalities in the inductors \

电极及磁环/磁芯能承受 100VDC 60 秒. 电感制品没有备损坏. 电感值没有异常。

## ⑦ Solderability/可焊性试验

After immersion of terminals in flux for 5 to 10 seconds dip the terminals in the solder

Bath at +250±5°C for 3±0.5 seconds Make certain that more than 95% of the surface of the terminals are coated

Terminals are coated with solder

产品焊锡面粘浸到助焊剂 5 到 10 秒, 在温度为+250±5°C 的溶锡内上浸锡 3±0.5 秒. 保证产品电极面附锡 95% 以上。

## ⑧ Dry heat test /耐热性

The change if any inductance is measured after exposure to+85±2°C in a test chamber for 96 hours and

Hours and 1 to 2 hours at room temperature

产品放置在 85±2°C 的试验箱内 96 小时后. 在室温下放置 1 到 2 小时后进行测试。

## ⑨ Cold test /耐寒性

The change if any inductance is measured after exposure to -25±3°C in a test chamber for 96 hours and

1 to 2 hours at room temperature

产品在-25±3°C 的试验箱内放置 96 小时后在室温下放置 1 到 2 小时. 然后进行测试。

## ⑩ Temperature cycling /冷热循环

Condition for one cycle/一个循环的条件

(a) -25±3°C..... 30min      -25±3°C 30 分钟

(b) .Room temperature at 20°C.....15min      室温 20°C.....15 分钟

(C) +85±2°C... 30min      +85±2°C      30 分钟

(d) Room temperature at 20°C...15min      室温 20°C.....15 分钟

Five cycles are applied in the test one hour after the full cycling The variation in the inductance is

Measured

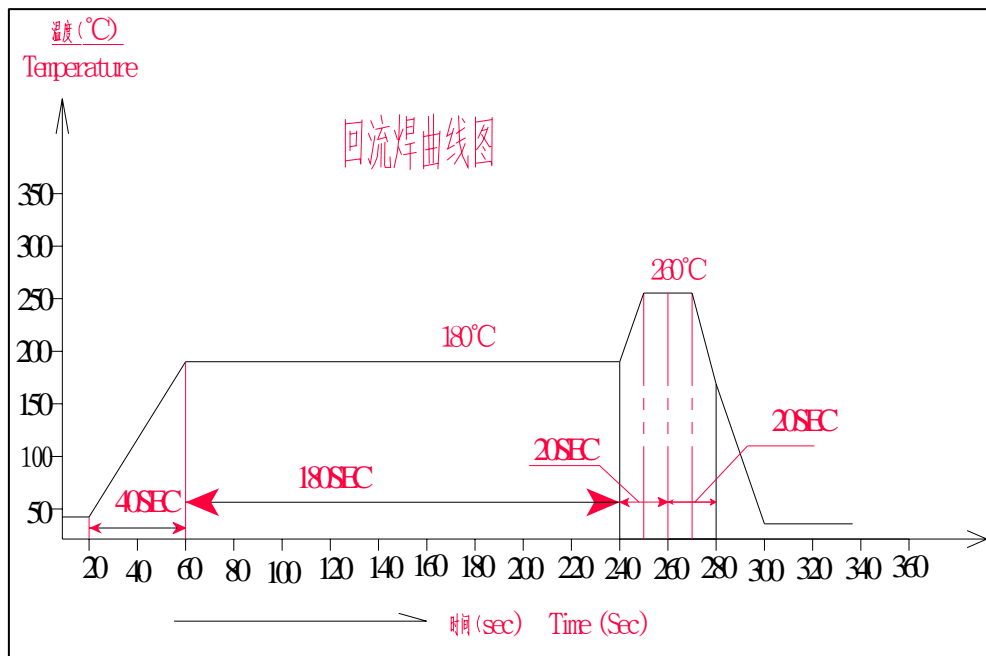
在完成 5 个循环的测试后测试电感的变化。

## ⑪ Humidity test /耐湿性测试

The change in inductance if any is measured after the following 93%±2% RH at 85±2°C for 500±4 Hours or

And 1 or 2 hours exposure at room temperature

产品在湿度为 93%±2%. 温度在 85±2°C 的试验箱内放置 500±4 小时后在常温放置在 1 到 2 小时后测试感量的变化。



**We suggest to use this temperature for soldering**

**我们建议使用此回流焊温度曲线焊接（过回流焊炉）**

### **⑫** Vibration test / 耐震性

The change in inductance if any is measured after the following condition A fixed inductor is mounted on attest board to which vibration is applied as follow overall amplitude at 1.5mm frequency range 10 to 55 HZ.and swept in the order 10-55-10HZ.per minute for two hours is each of the three directions for total of six hours

经过一下条件试验后测试电感值的变化：

将产品焊接固定于振动试验板上.按照一下条件试验：

振幅 1.5mm(p-p).频率范围：10-55HZ,每分钟扫描 10-55-10HZ.3 个方向各 2 个小时共 6 小时测试。

### **⑬** Shock test / 冲击性

The change in ductance if any is measured after following test

经过一下测试条件后测试电感值的变化：

#### (1) Dropping 跌落试验

A fixed inductor is mounted on a test board and dropped freely 3tines froma height of 1 meter

将产品焊接在固定的试验盒子的板子上.从 1M 的高度自由的跌落三次.

#### (2) Shock test 冲击试验

A fixed inductor is mounted on a test board and dropped 3 time in three directions with shock applied for 0.01 sec is measured after the tests

将产品焊接在固定机械试验板子上.设定落下试验机的条件.981M<sup>2</sup> 为加速度.冲击时间为 0.01S.从 3 各不同的方向各冲击 3 次.然后测试电感值的变化、



