

MINIATURE SMD CHIP CHOKE COILS

闭磁路贴片电感

Shielded SMD Power Inductors

Operating Temp:-40℃ ~ 125℃



特征:

- 轻便薄小
- 大电流低直流阻抗
- 直接在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强

FEATURES:

- Compact and thin.
- Large Current and Low DCR.
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)

用途:

• LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式计算机、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

APPLICATIONS:

• LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systemsTelecomm base stations

产品型号:

SMRH 7D15 100 N I

① ② ③ ④ ⑤

①	
类型 Type	
SMRH	闭磁路贴片电感 Shielded SMT Power Inductors

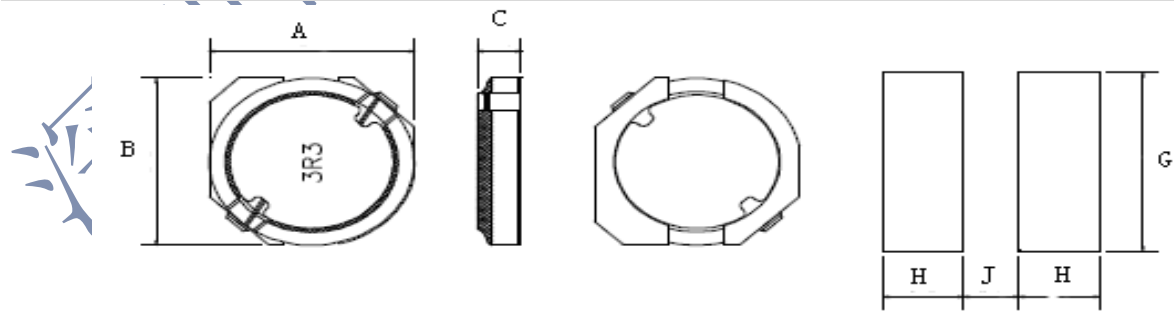
②	
外形尺寸(L×H) (mm) External Dimensions (L×W×H) (mm)	
7D15	7.8×7.8×1.8

③	
Inductance	
10 uH	

④	
Tolerance	
J:±5%,K: ±10%, L: ±15% M: ±20%,P: ±25%, N: ±30%	

⑤	
包装 Packing	
B	散装 Bulk Package
T	编带Tape & Reel

Shape and Size(Dimension are in mm):



Part No	A (max)	B(max)	C(max)	D(max)	E(max)	F	G	H	J
SMRH 7D15	7.8	7.8	1.8				7.5	3.85	1.9
SMRH 7D25	7.8	7.8	2.8				7.5	3.85	1.9
SMRH 10D15	11.0	11.0	1.8				10.7	3.85	3.0
SMRH 10D25	11.0	11.0	2.8				10.7	3.85	3.0

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SMRH7D15 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMRH7D15-3R3N	3.3	N	100KHz	20	1MHz	0.05	3.0
SMRH7D15-4R7N	4.7	N	100KHz	30	1MHz	0.08	2.5
SMRH7D15-6R8N	6.8	N	100KHz	30	1MHz	0.11	2.2
SMRH7D15-8R2N	8.2	N	100KHz	30	1MHz	0.12	2.0
SMRH7D15-100N	10	N	100KHz	35	1MHz	0.17	1.5

SMRH7D25 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMRH7D25-3R3N	3.3	N	100KHz	20	1MHz	0.045	3.2
SMRH7D25-4R7N	4.7	N	100KHz	30	1MHz	0.076	2.7
SMRH7D25-6R8N	6.8	N	100KHz	30	1MHz	0.10	2.5
SMRH7D15-8R2N	8.2	N	100KHz	30	1MHz	0.115	2.2
SMRH7D25-100N	10	N	100KHz	35	1MHz	0.16	1.7

SMRH10D15 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMRH10D15-3R3N	3.3	N	100KHz	20	1MHz	0.055	4.0
SMRH10D15-4R7N	4.7	N	100KHz	30	1MHz	0.07	3.5
SMRH10D15-6R8N	6.8	N	100KHz	30	1MHz	0.11	3.0
SMRH10D15-8R2N	8.2	N	100KHz	30	1MHz	0.13	2.5
SMRH10D15-100N	10	N	100KHz	35	1MHz	0.143	2.2

SMRH10D25 Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMRH10D25-3R3N	3.3	N	100KHz	20	1MHz	0.04	4.3
SMRH10D25-4R7N	4.7	N	100KHz	30	1MHz	0.06	3.7
SMRH10D25-6R8N	6.8	N	100KHz	30	1MHz	0.1	3.3
SMRH10D25-8R2N	8.2	N	100KHz	30	1MHz	0.11	2.8
SMRH10D25-100N	10	N	100KHz	35	1MHz	0.132	2.5