

绕线贴片功率电感—SWRH-DR 系列

Wire Wound SMD Power Inductors – SWRH – DR Series



工作温度
Operating Temp

◆ -40℃ ~+125℃ (Including Self-heating)

特征
Features

◆ 高饱和电流, 低 DCR
◆ 适合表面贴装
◆ 闭合磁路结构设计, 减少漏磁

◆ High saturation current, low DCR
◆ Suitable for surface mounting equipment
◆ Close magnetic circuit design reduce leakage

用途
Applications

◆ 录像机、液晶显示器、笔记本电脑、通讯设备、办公自动化等电子设备的电源扼流
◆ Power supply choke for small electrical equipments such as DVC, LCD display, notebook, communication equipment, O/A equipment and so on.

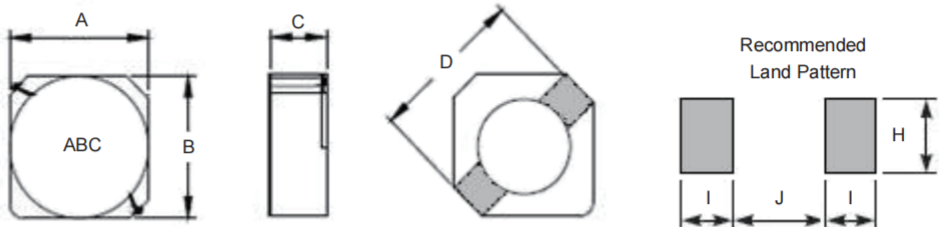
产品型号

Product Identification

1	2	3	4	5	6
SWRH	2D11	R	-1R2	N	T
1	2		3	4	
分类 Type		外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)		结构 Configuration	
SWRH 绕线贴片功率电感 Wire Wound SMD Type Power Inductors (With Metallic Base)		2D11~3D16		R R Type Base	
4	5		6		
公称电感量 Nominal Inductance		电感公差 Inductance Tolerance		包装 Packing	
Example 1R2 101		Nominal Value 1.2μH 100μH		T 编带 Tape Carrier Package	
		M N		± 20% ± 30%	

外观尺寸

Shape and Dimensions



Series	A max.	B max.	C max.	D typ.	E typ.	F typ.	G typ.	H typ.	I typ.	J typ.	K typ.	L typ.	M typ.	N typ.	O typ.	P typ.	Q typ.	R typ.	S typ.	T typ.	U typ.	V typ.	W typ.	X typ.	Y typ.	Z typ.
SWRH2D11R	3.3	3.3	1.3	4.4	1.2	1.2	1.3	1.7	1.3																	
SWRH2D14R	3.3	3.3	1.6	4.4	1.2	1.2	1.3	1.7	1.3																	
SWRH2D18R	3.3	3.3	2.1	4.4	1.2	1.2	1.3	1.7	1.3																	
SWRH3D11R	4.2	4.2	1.3	5.5	1.2	1.2	1.4	2.4	1.5																	
SWRH3D14R	4.2	4.2	1.6	5.5	1.2	1.2	1.4	2.4	1.5																	
SWRH3D16R	4.2	4.2	1.8	5.5	1.4	1.4	1.4	2.4	1.5																	

规格特性

Specifications

SWRH2D11R

型号 Part Number	电感量 Inductance	L 测试条件 L Test Condition	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	μH	Hz, V	Ω	A
符号 Symbol	L	-	DCR	Ir
SWRH2D11R-1R2NT	1.2±30%	100k, 0.3V	0.068	0.90
SWRH2D11R-2R2NT	2.2±30%	100k, 0.3V	0.098	0.78
SWRH2D11R-3R3NT	3.3±30%	100k, 0.3V	0.123	0.60
SWRH2D11R-4R7NT	4.7±30%	100k, 0.3V	0.170	0.50
SWRH2D11R-6R8NT	6.8±30%	100k, 0.3V	0.260	0.44
SWRH2D11R-100MT	10±20%	1k, 0.3V	0.400	0.35

SWRH2D14R

型号 Part Number	电感量 Inductance	L 测试条件 L Test Condition	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	μH	Hz, V	Ω	A
符号 Symbol	L	-	DCR	Ir
SWRH2D14R-1R5NT	1.5±30%	100k, 0.3V	0.063	1.80
SWRH2D14R-1R8NT	1.8±30%	100k, 0.3V	0.075	1.65
SWRH2D14R-2R2NT	2.2±30%	100k, 0.3V	0.094	1.50
SWRH2D14R-2R7NT	2.7±30%	100k, 0.3V	0.106	1.35
SWRH2D14R-3R3NT	3.3±30%	100k, 0.3V	0.125	1.20
SWRH2D14R-3R9NT	3.9±30%	100k, 0.3V	0.138	1.10
SWRH2D14R-4R7NT	4.7±30%	100k, 0.3V	0.169	1.00
SWRH2D14R-5R6NT	5.6±30%	100k, 0.3V	0.188	0.95
SWRH2D14R-6R8NT	6.8±30%	100k, 0.3V	0.213	0.85
SWRH2D14R-8R2NT	8.2±30%	100k, 0.3V	0.281	0.80
SWRH2D14R-100MT	10±20%	1k, 0.3V	0.294	0.70
SWRH2D14R-120MT	12±20%	1k, 0.3V	0.394	0.62
SWRH2D14R-220MT	22±20%	1k, 0.3V	0.720	0.43

SWRH2D18R

型号 Part Number	电感量 Inductance	L 测试条件 L Test Condition	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	μH	Hz, V	Ω	A
符号 Symbol	L	-	DCR	Ir
SWRH2D18R-2R2NT	2.2±30%	100k, 0.3V	0.041	0.85
SWRH2D18R-3R3NT	3.3±30%	100k, 0.3V	0.054	0.75
SWRH2D18R-4R7NT	4.7±30%	100k, 0.3V	0.078	0.63
SWRH2D18R-6R8NT	6.8±30%	100k, 0.3V	0.106	0.52
SWRH2D18R-100MT	10±20%	1k, 0.3V	0.180	0.43
SWRH2D18R-150MT	15±20%	1k, 0.3V	0.220	0.35
SWRH2D18R-220MT	22±20%	1k, 0.3V	0.320	0.30
SWRH2D18R-330MT	33±20%	1k, 0.3V	0.460	0.24
SWRH2D18R-470MT	47±20%	1k, 0.3V	0.660	0.20

SWRH3D11R

型号 Part Number	电感量 Inductance	L 测试条件 L Test Condition	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	μH	Hz, V	Ω	A
符号 Symbol	L	-	DCR	Ir
SWRH3D11R-2R7NT	2.7±30%	100k, 0.3V	0.078	0.50
SWRH3D11R-3R3NT	3.3±30%	100k, 0.3V	0.099	0.45
SWRH3D11R-4R7NT	4.7±30%	100k, 0.3V	0.123	0.40
SWRH3D11R-6R8NT	6.8±30%	100k, 0.3V	0.180	0.34
SWRH3D11R-8R2NT	8.2±30%	100k, 0.3V	0.204	0.32
SWRH3D11R-100MT	10±20%	1k, 0.3V	0.240	0.28
SWRH3D11R-120MT	12±20%	1k, 0.3V	0.276	0.25

规格特性 Specifications

SWRH3D11R

型号 Part Number	电感量 Inductance	L 测试条件 L Test Condition	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	μH	Hz, V	Ω	A
符号 Symbol	L	-	DCR	Ir
SWRH3D11R-150MT	15±20%	1k, 0.3V	0.372	0.23
SWRH3D11R-180MT	18±20%	1k, 0.3V	0.468	0.21
SWRH3D11R-270MT	27±20%	1k, 0.3V	0.726	0.17
SWRH3D11R-330MT	33±20%	1k, 0.3V	0.822	0.15
SWRH3D11R-390MT	39±20%	1k, 0.3V	0.942	0.14

SWRH3D14R

型号 Part Number	电感量 Inductance	L 测试条件 L Test Condition	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	μH	Hz, V	Ω	A
符号 Symbol	L	-	DCR	Ir
SWRH3D14R-1R5NT	1.5±30%	100k, 0.3V	0.055	1.85
SWRH3D14R-1R7NT	1.7±30%	100k, 0.3V	0.063	1.85
SWRH3D14R-2R2NT	2.2±30%	100k, 0.3V	0.069	1.60
SWRH3D14R-2R7NT	2.7±30%	100k, 0.3V	0.088	1.45
SWRH3D14R-3R3NT	3.3±30%	100k, 0.3V	0.100	1.35
SWRH3D14R-3R9NT	3.9±30%	100k, 0.3V	0.135	1.15
SWRH3D14R-4R7NT	4.7±30%	100k, 0.3V	0.150	1.10
SWRH3D14R-6R8NT	6.8±30%	100k, 0.3V	0.190	1.00
SWRH3D14R-8R2NT	8.2±30%	100k, 0.3V	0.238	0.82
SWRH3D14R-100MT	10±20%	1k, 0.3V	0.262	0.75
SWRH3D14R-120MT	12±20%	1k, 0.3V	0.350	0.67
SWRH3D14R-150MT	15±20%	1k, 0.3V	0.488	0.60
SWRH3D14R-220MT	22±20%	1k, 0.3V	0.575	0.52

SWRH3D16R

型号 Part Number	电感量 Inductance	L 测试条件 L Test Condition	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	μH	Hz, V	Ω	A
符号 Symbol	L	-	DCR	Ir
SWRH3D16R-1R5NT	1.5±30%	100k, 0.3V	0.052	1.55
SWRH3D16R-2R2NT	2.2±30%	100k, 0.3V	0.072	1.20
SWRH3D16R-3R3NT	3.3±30%	100k, 0.3V	0.085	1.10
SWRH3D16R-4R7NT	4.7±30%	100k, 0.3V	0.105	0.90
SWRH3D16R-6R8NT	6.8±30%	100k, 0.3V	0.170	0.73
SWRH3D16R-8R2NT	8.2±30%	100k, 0.3V	0.190	0.65
SWRH3D16R-100MT	10±20%	1k, 0.3V	0.210	0.55
SWRH3D16R-150MT	15±20%	1k, 0.3V	0.295	0.45
SWRH3D16R-220MT	22±20%	1k, 0.3V	0.430	0.40
SWRH3D16R-330MT	33±20%	1k, 0.3V	0.660	0.32