

MINIATURE SMD CHIP CHOKE COILS

闭磁路贴片电感

Shielded SMD Power Inductors

Operating Temp: -30°C ~ 80°C



特征:

- 直接连接电极在铁氧体磁心上。
- 理想的感应器是一个直流电的转换。
- 具有高功率，强力高饱和电感器。
- 具有抗电磁干扰。
- 可利用的磁带和自动卷轴表面的设置。

FEATURES:

- Directly connected electrode on ferrite core.
- Ideal inductors for DC-DC conversion.
- High power, High saturation inductors.
- With magnetic shield against radiation.
- Available on tape and reel for auto surface mounting.

用途:

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

APPLICATIONS:

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

产品型号:

PRODUCT IDENTIFICATION:

SMDRH

104R

470

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

外形尺寸(L×H) (mm) External Dimensions (L×W×H) (mm)	
104	10.3×10.3×4.0

Inductance
47 uH

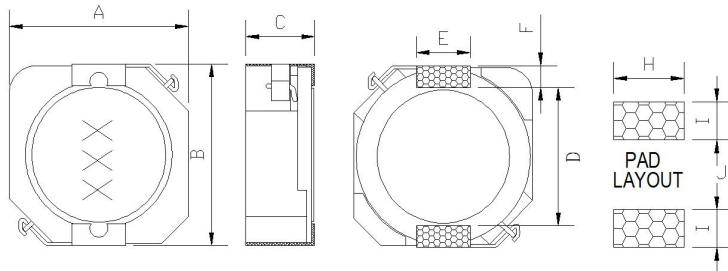
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Tolerance
J: ±5%, K: ±10%, L: ±15% M: ±20%, P: ±25%, N: ±30%

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	E	F	H	I	J
SMDRH103R	10.3	10.4	3.0	7.7	3.0	1.2	3.6	1.7	7.3
SMDRH104R	10.3	10.4	4.0	7.7	3.0	1.2	3.6	1.7	7.3
SMDRH105R	10.3	10.4	5.0	7.7	3.0	1.2	3.6	1.7	7.3

SMDRH103R Series

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Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRH103R -1R0N	1.0	N	100KHz	20	1MHz	0.009	6.50
SMDRH103R -1R5N	1.5	N	100KHz	20	1MHz	0.110	5.80
SMDRH103R -2R2N	2.2	N	100KHz	20	1MHz	0.017	5.10
SMDRH103R -3R3N	3.3	N	100KHz	20	1MHz	0.021	4.70
SMDRH103R -4R7N	4.7	N	100KHz	30	1MHz	0.030	4.00
SMDRH103R -6R8N	6.8	N	100KHz	30	1MHz	0.035	3.60
SMDRH103R -8R2N	8.2	N	100KHz	30	1MHz	0.050	3.00
SMDRH103R -100N	10	N	100KHz	35	1MHz	0.059	2.80
SMDRH103R -120N	12	N	100KHz	35	1MHz	0.072	2.25
SMDRH103R -150N	15	N	100KHz	35	1MHz	0.091	2.05
SMDRH103R -180N	18	N	100KHz	35	1MHz	0.116	1.90
SMDRH103R -220N	22	N	100KHz	35	1MHz	0.145	1.60
SMDRH103R -270N	27	N	100KHz	35	1MHz	0.175	1.63
SMDRH103R -330N	33	N	100KHz	35	1MHz	0.213	1.16
SMDRH103R -390N	39	N	100KHz	35	1MHz	0.268	1.32
SMDRH103R -470N	47	N	100KHz	35	1MHz	0.298	1.18
SMDRH103R -560N	56	N	100KHz	35	1MHz	0.335	1.10
SMDRH103R -680N	68	N	100KHz	35	1MHz	0.451	1.04
SMDRH103R -820N	82	N	100KHz	35	1MHz	0.513	0.94
SMDRH103R -101N	100	N	100KHz	40	0.796MHz	0.700	0.84
SMDRH103R -121N	120	N	100KHz	40	0.796MHz	0.765	0.76
SMDRH103R -151N	150	N	100KHz	40	0.796MHz	0.876	0.70

SMDRH104R Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRH104R -1R5N	1.5	N	100KHz	20	1MHz	0.008	6.50
SMDRH104R -2R5N	2.5	N	100KHz	20	1MHz	0.011	6.10
SMDRH104R -3R3N	3.3	N	100KHz	20	1MHz	0.014	5.60
SMDRH104R -3R8N	3.8	N	100KHz	20	1MHz	0.018	5.50
SMDRH104R -4R7N	4.7	N	100KHz	30	1MHz	0.022	5.40
SMDRH104R -5R2N	5.2	N	100KHz	30	1MHz	0.022	5.40
SMDRH104R -7R0N	7.0	N	100KHz	30	1MHz	0.027	4.50
SMDRH104R -8R2N	8.2	N	100KHz	30	1MHz	0.030	4.10
SMDRH104R -100N	10	N	100KHz	35	1MHz	0.035	3.80
SMDRH104R -150N	15	N	100KHz	35	1MHz	0.050	3.10
SMDRH104R -220N	22	N	100KHz	35	1MHz	0.073	2.50
SMDRH104R -330N	33	N	100KHz	35	1MHz	0.093	2.20

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SMDRH104R -470N	47	N	100KHz	35	1MHz	0.128	1.90
SMDRH104R -560N	56	N	100KHz	35	1MHz	0.185	1.60
SMDRH104R -680N	68	N	100KHz	35	1MHz	0.213	1.42
SMDRH104R -820N	82	N	100KHz	35	1MHz	0.275	1.32
SMDRH104R -101N	100	N	100KHz	40	0.796MHz	0.304	1.25
SMDRH104R -151N	150	N	100KHz	40	0.796MHz	0.506	0.85
SMDRH104R -221M	220	M	100KHz	40	0.796MHz	0.756	0.70
SMDRH104R -331M	330	M	100KHz	40	0.796MHz	1.090	0.52

SMDRH105R Series

Part No.	Inductance (uH)			Quality Factor		DCR (OHM) Max	Rated DC Current (Amp)Max
	Nominal Value	Tole.	Test Freq.	Spec. Min	Test Freq.		
SMDRH105R -3R3N	3.3	N	100KHz	20	1MHz	0.013	6.00
SMDRH105R -4R7N	4.7	N	100KHz	30	1MHz	0.016	5.70
SMDRH105R -6R8N	6.8	N	100KHz	30	1MHz	0.020	5.35
SMDRH105R -8R2N	8.2	N	100KHz	30	1MHz	0.023	5.00
SMDRH105R -100N	10	N	100KHz	35	1MHz	0.250	3.45
SMDRH105R -120N	12	N	100KHz	35	1MHz	0.032	3.40
SMDRH105R -150N	15	N	100KHz	35	1MHz	0.040	2.83
SMDRH105R -180N	18	N	100KHz	35	1MHz	0.046	2.62
SMDRH105R -220N	22	N	100KHz	35	1MHz	0.058	2.44
SMDRH105R -270N	27	N	100KHz	35	1MHz	0.650	2.24
SMDRH105R -330N	33	N	100KHz	35	1MHz	0.810	1.88
SMDRH105R -390N	39	N	100KHz	35	1MHz	0.103	1.70
SMDRH105R -470N	47	N	100KHz	35	1MHz	0.122	1.56
SMDRH105R -560N	56	N	100KHz	35	1MHz	0.144	1.39
SMDRH105R -680N	68	N	100KHz	35	1MHz	0.193	1.36
SMDRH105R -820N	82	N	100KHz	35	1MHz	0.219	1.20
SMDRH105R -101N	100	N	100KHz	40	0.796MHz	0.247	1.09
SMDRH105R -121N	120	N	100KHz	40	0.796MHz	0.298	1.00
SMDRH105R -151N	150	N	100KHz	40	0.796MHz	0.355	0.91
SMDRH105R -181M	180	M	100KHz	40	0.796MHz	0.393	0.84
SMDRH105R -221M	220	M	100KHz	40	0.796MHz	0.483	0.75
SMDRH105R -271M	270	M	100KHz	40	0.796MHz	0.632	0.68
SMDRH105R -331M	330	M	100KHz	40	0.796MHz	0.780	0.60
SMDRH105R -391M	390	M	100KHz	40	0.796MHz	0.957	0.57
SMDRH105R -471M	470	M	100KHz	40	0.796MHz	1.220	0.50
SMDRH105R -561M	560	M	100KHz	40	0.796MHz	1.352	0.47
SMDRH105R -681M	680	M	100KHz	40	0.796MHz	1.519	0.43
SMDRH105R -821M	820	M	100KHz	40	0.796MHz	1.694	0.39
SMDRH105R -102M	1000	M	100KHz	40	0.796MHz	1.946	0.35