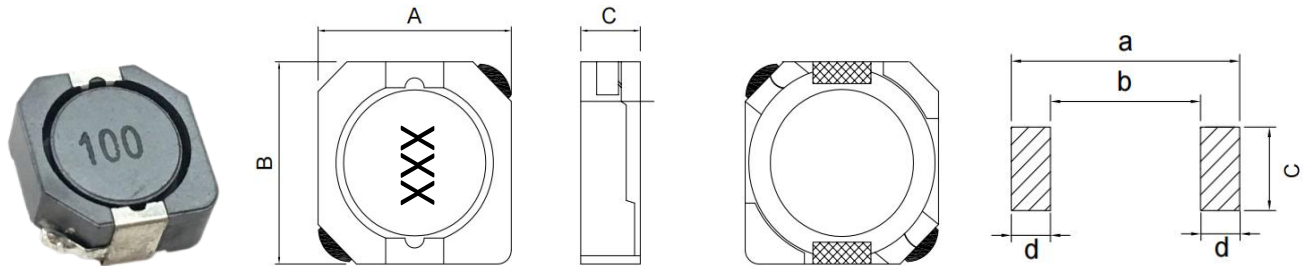


GCRH10 Series (SHIELDED)



Shielded SMD Power Inductor

结构及外形尺寸 Dimensions of structure and shape



Part Number	Dimensions	Dimensions	Dimensions	Land Patterns		
	长 A (mm)	宽 B(mm)	高 C(mm)	推荐焊盘尺寸		
	A (mm)	B(mm)	C(mm)	a(mm)	b(mm)	c(mm)
GCRH1003N	10.3 max	10.4 max	3.10 max	10.70	7.30	3.60
GCRH1004N	10.3 max	10.4 max	4.00 max	10.70	7.30	3.60
GCRH1005N	10.3 max	10.4 max	5.00 max	10.70	7.30	3.60

特点 Features

- 铁氧体磁芯连接电极的结构
- Directly connected electrode on ferrite core
- 高功率，高饱和的电感
- High power, High saturation inductors
- 具备高防护性的磁屏蔽效果
- With magnetically shielded against radiation
- DC/DC转换器电感
- Ideal inductors for DC/DC converters
- 可以在料带和卷轴上实现自动化贴片
- Available on tape and reel for auto surface mounting

应用 Applications

- 录像机电源
- Power Supply for VTRs.
- 液晶电视
- LCD Televisions
- 笔记本电脑
- Notebook PCs
- 便携式通讯设备
- Handheld Communication Equipment
- DC/DC 转换器等
- DC/DC Converters, etc.

电感特性范围 Inductance and rated current ranges

GCRH1003N	3.3~1000uH	29~5000mΩ	5.00~0.23A
GCRH1004N	3.3~1000uH	13~3250mΩ	6.50~0.32A
GCRH1005N	3.3~1000uH	10~1989mΩ	7.80~0.35A

包装数量 Packaging Quantity

GCRH1003N	1000PCS/R
GCRH1004N	1000PCS/R
GCRH1005N	750PCS/R

★ 产品可以按客户要求定制

Products can be customized according to customer requirements

本产品符合车载信赖性标准AEC-Q200

This product Complied with automotive reliability test standard AEC-Q200

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GCRH Series (SHIELDED)

ELECTRICAL SPECIFICATION

GCRH1003N Series (Quantity: 1000PCS)/GCRH1003N 系列 (数量: 1000PCS)

Part Number	Marking	Inductance (μ H)	DCR (m Ω) max.	Test Freq. (Hz)	Saturation Current(A)
GCRH1003N-3R3N02	3R3	3.3	29	100KHz/0.1v	5.00
GCRH1003N-4R7N02	4R7	4.7	35	100KHz/0.1v	4.83
GCRH1003N-8R2M02	8R2	8.2	50	100KHz/0.1v	3.54
GCRH1003N-100M02	100	10	58	100KHz/0.1v	2.70
GCRH1003N-150M02	150	15	86	100KHz/0.1v	2.22
GCRH1003N-220M02	220	22	145	100KHz/0.1v	1.78
GCRH1003N-330M02	330	33	213	100KHz/0.1v	1.46
GCRH1003N-470M02	470	47	299	100KHz/0.1v	1.18
GCRH1003N-680M02	680	68	451	100KHz/0.1v	1.04
GCRH1003N-101M02	101	100	700	100KHz/0.1v	0.84
GCRH1003N-221M02	221	220	1050	100KHz/0.1v	0.58
GCRH1003N-331M02	331	330	1800	100KHz/0.1v	0.52
GCRH1003N-471M02	471	470	2170	100KHz/0.1v	0.48
GCRH1003N-681M02	681	680	3200	100KHz/0.1v	0.29
GCRH1003N-821M02	821	820	3800	100KHz/0.1v	0.28
GCRH1003N-102M02	102	1000	5000	100KHz/0.1v	0.23

GCRH1004N Series (Quantity: 1000PCS)/GCRH1004N 系列 (数量: 1000PCS)

Part Number	Marking	Inductance (μ H)	DCR (m Ω) max.	Test Freq. (Hz)	Saturation Current(A)
GCRH1004N-3R3N02	3R3	3.3	13	100KHz/0.1v	6.50
GCRH1004N-3R8N02	3R8	3.8	17	100KHz/0.1v	6.00
GCRH1004N-4R7N02	4R7	4.7	21	100KHz/0.1v	5.70
GCRH1004N-6R8M02	6R8	6.8	26	100KHz/0.1v	4.90
GCRH1004N-100M02	100	10	35	100KHz/0.1v	4.40
GCRH1004N-150M02	150	15	50	100KHz/0.1v	3.60
GCRH1004N-220M02	220	22	73	100KHz/0.1v	2.90
GCRH1004N-330M02	330	33	93	100KHz/0.1v	2.30
GCRH1004N-470M02	470	47	128	100KHz/0.1v	2.10
GCRH1004N-680M02	680	68	213	100KHz/0.1v	1.50
GCRH1004N-101M02	101	100	304	100KHz/0.1v	1.35
GCRH1004N-221M02	221	220	756	100KHz/0.1v	0.92
GCRH1004N-331M02	331	330	1090	100KHz/0.1v	0.70
GCRH1004N-471M02	471	470	1520	100KHz/0.1v	0.54
GCRH1004N-681M02	681	680	2800	100KHz/0.1v	0.45
GCRH1004N-821M02	821	820	3000	100KHz/0.1v	0.40
GCRH1004N-102M02	102	1000	3250	100KHz/0.1v	0.32



GCRH Series (SHIELDED)

■ ELECTRICAL SPECIFICATION

GCRH1005N Series (Quantity: 1000PCS)/GCRH1005N 系列 (数量: 750PCS)					
Part Number	Marking	Inductance (μ H)	DCR (m Ω) max.	Test Freq. (Hz)	Saturation Current(A)
GCRH1005N-3R3N02	3R3	3.3	10	100KHz/0.1v	7.80
GCRH1005N-4R7N02	4R7	4.7	12	100KHz/0.1v	6.40
GCRH1005N-6R8M02	6R8	6.8	18	100KHz/0.1v	5.40
GCRH1005N-100M02	100	10	26	100KHz/0.1v	3.45
GCRH1005N-150M02	150	15	41	100KHz/0.1v	2.83
GCRH1005N-220M02	220	22	61	100KHz/0.1v	2.44
GCRH1005N-330M02	330	33	84	100KHz/0.1v	1.88
GCRH1005N-470M02	470	47	130	100KHz/0.1v	1.56
GCRH1005N-680M02	680	68	201	100KHz/0.1v	1.36
GCRH1005N-101M02	101	100	253	100KHz/0.1v	1.09
GCRH1005N-151M02	151	150	370	100KHz/0.1v	0.91
GCRH1005N-221M02	221	220	500	100KHz/0.1v	0.75
GCRH1005N-331M02	331	330	812	100KHz/0.1v	0.60
GCRH1005N-471M02	471	470	1289	100KHz/0.1v	0.50
GCRH1005N-681M02	681	680	1599	100KHz/0.1v	0.43
GCRH1005N-821M02	821	820	1768	100KHz/0.1v	0.39
GCRH1005N-102M02	102	1000	1989	100KHz/0.1v	0.35