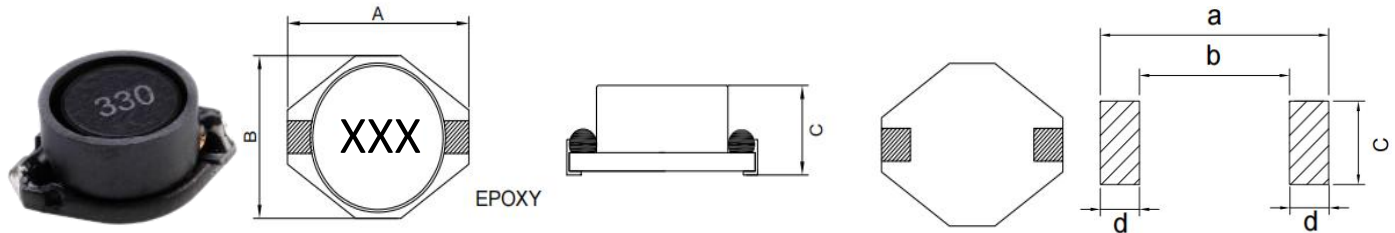


Shielded SMD Power Inductor

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)	b(mm)	c(mm)	d(mm)
GDR10402M	6.60 max	4.45 max	2.92 max	4.06	3.56	1.40
GDR10804M	12.95 max	9.40 max	5.21 max	7.37	2.79	2.92
GDR11206M	18.54 max	15.24 max	7.62 max	12.45	2.79	2.92

特点 Features

- 具有磁屏蔽功能，有效抵抗电磁感应
- With magnetically shielded against radiation
- 笔记本电脑、PDA、升压或降压转换器、闪存编程器等中DC-DC转换器的理想电感器
- Ideal inductors for DC-DC converters in notebook computer, PDAs, Step-up or step-down converters, flash memory programmers, etc.

应用 Applications

- 移动电话
- Portable Telephones
- 计算机
- Personal Computers
- DC/DC 转换器等
- DC/DC Converters, etc.
- 其他各种电子电器
- Other Various Electronic Appliances

电感特性范围 Inductance and rated current ranges

GDR10402M	1.0~10000uH	40~32800mΩ	1.40~0.02A
GDR10804M	1.0~1000uH	21~8300mΩ	5.60~0.32A
GDR11206M	1.0~1000uH	24~2010mΩ	20.0~0.80A

包装数量 Packaging Quantity

GDR10402M	2000PCS/R
GDR10804M	1000PCS/R
GDR11206M	250PCS/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



GDR Series (SHIELDED)

ELECTRICAL SPECIFICATION

GDR10402M Series (Quantity: 2000PCS)/GDR10402M 系列 (数量: 2000PCS)

Part Number	Marking	Inductance (μ H)	DCR (Ω) max.	Test Freq. (Hz)	Saturation Current(A)
GDR10402M-1R0M01	1R0	1.0	0.040	100KHz/0.1v	1.40
GDR10402M-1R5M01	1R5	1.5	0.045	100KHz/0.1v	0.93
GDR10402M-2R2M01	2R2	2.2	0.050	100KHz/0.1v	0.92
GDR10402M-3R3M01	3R3	3.3	0.055	100KHz/0.1v	0.75
GDR10402M-4R7M01	4R7	4.7	0.060	100KHz/0.1v	0.58
GDR10402M-6R8M01	6R8	6.8	0.065	100KHz/0.1v	0.58
GDR10402M-100M01	100	10	0.075	100KHz/0.1v	0.37
GDR10402M-150M01	150	15	0.090	100KHz/0.1v	0.31
GDR10402M-220M01	220	22	0.11	100KHz/0.1v	0.30
GDR10402M-330M01	330	33	0.19	100KHz/0.1v	0.24
GDR10402M-470M01	470	47	0.23	100KHz/0.1v	0.24
GDR10402M-680M01	680	68	0.29	100KHz/0.1v	0.17
GDR10402M-101M01	101	100	0.48	100KHz/0.1v	0.13
GDR10402M-151M01	151	150	0.59	100KHz/0.1v	0.10
GDR10402M-221M01	221	220	0.90	100KHz/0.1v	0.10
GDR10402M-331M01	331	330	1.40	100KHz/0.1v	0.07
GDR10402M-471M01	471	470	1.80	100KHz/0.1v	0.06
GDR10402M-681M01	681	680	2.20	100KHz/0.1v	0.06
GDR10402M-102M01	102	1000	3.40	100KHz/0.1v	0.05
GDR10402M-152M01	152	1500	4.20	100KHz/0.1v	0.04
GDR10402M-222M01	222	2200	8.50	100KHz/0.1v	0.03
GDR10402M-332M01	332	3300	11.0	100KHz/0.1v	0.02
GDR10402M-472M01	472	4700	13.9	100KHz/0.1v	0.02
GDR10402M-682M01	682	6800	25.0	100KHz/0.1v	0.02
GDR10402M-103M01	103	10000	32.8	100KHz/0.1v	0.02



GDR Series (SHIELDED)

ELECTRICAL SPECIFICATION

GDR10804M Series (Quantity: 1000PCS)/GDR10804M 系列 (数量: 1000PCS)

Part Number	Marking	Inductance (μ H)	DCR (Ω) max.	Test Freq. (Hz)	Saturation Current(A)
GDR10804M-1R0M01	1R0	1.0	0.021	100KHz/0.1v	5.60
GDR10804M-1R5M01	1R5	1.5	0.022	100KHz/0.1v	5.20
GDR10804M-2R2M01	2R2	2.2	0.032	100KHz/0.1v	5.00
GDR10804M-3R3M01	3R3	3.3	0.039	100KHz/0.1v	3.90
GDR10804M-4R7M01	4R7	4.7	0.054	100KHz/0.1v	3.20
GDR10804M-6R8M01	6R8	6.8	0.075	100KHz/0.1v	2.80
GDR10804M-100M01	100	10	0.101	100KHz/0.1v	2.40
GDR10804M-120M01	120	12	0.140	100KHz/0.1v	2.10
GDR10804M-150M01	150	15	0.150	100KHz/0.1v	2.00
GDR10804M-180M01	180	18	0.200	100KHz/0.1v	1.70
GDR10804M-220M01	220	22	0.207	100KHz/0.1v	1.60
GDR10804M-270M01	270	27	0.300	100KHz/0.1v	1.50
GDR10804M-330M01	330	33	0.334	100KHz/0.1v	1.40
GDR10804M-390M01	390	39	0.460	100KHz/0.1v	1.10
GDR10804M-470M01	470	47	0.472	100KHz/0.1v	1.00
GDR10804M-680M01	680	68	0.660	100KHz/0.1v	0.90
GDR10804M-101M01	101	100	1.110	100KHz/0.1v	0.80
GDR10804M-121M01	121	120	1.300	100KHz/0.1v	0.62
GDR10804M-151M01	151	150	1.550	100KHz/0.1v	0.60
GDR10804M-221M01	221	220	2.000	100KHz/0.1v	0.50
GDR10804M-271M01	271	270	4.600	100KHz/0.1v	0.42
GDR10804M-331M01	331	330	5.600	100KHz/0.1v	0.35
GDR10804M-391M01	391	390	6.600	100KHz/0.1v	0.34
GDR10804M-471M01	471	470	7.600	100KHz/0.1v	0.33
GDR10804M-681M01	681	680	9.000	100KHz/0.1v	0.31
GDR10804M-102M01	102	1000	8.300	100KHz/0.1v	0.32



GDR1 Series (SHIELDED)

ELECTRICAL SPECIFICATION

GDR1206M Series (Quantity: 250PCS)/GDR1206M 系列 (数量: 250PCS)

Part Number	Marking	Inductance (μ H)	DCR (Ω) max.	Test Freq. (Hz)	Saturation Current(A)
GCDRI1206M-1R0N01	1R0	1.0	0.024	100KHz/0.1v	20.00
GCDRI1206M-2R2M01	2R2	2.2	0.026	100KHz/0.1v	11.00
GCDRI1206M-3R3M01	3R3	3.3	0.029	100KHz/0.1v	10.00
GCDRI1206M-3R9M01	3R9	3.9	0.030	100KHz/0.1v	8.50
GCDRI1206M-4R7M01	4R7	4.7	0.032	100KHz/0.1v	8.40
GCDRI1206M-5R6M01	5R6	5.6	0.034	100KHz/0.1v	8.30
GCDRI1206M-6R8M01	6R8	6.8	0.036	100KHz/0.1v	8.20
GCDRI1206M-8R2M01	8R2	8.2	0.038	100KHz/0.1v	8.10
GCDRI1206M-100M01	100	10	0.040	100KHz/0.1v	8.00
GCDRI1206M-120M01	120	12	0.046	100KHz/0.1v	7.10
GCDRI1206M-150M01	150	15	0.048	100KHz/0.1v	7.00
GCDRI1206M-180M01	180	18	0.056	100KHz/0.1v	6.10
GCDRI1206M-220M01	220	22	0.059	100KHz/0.1v	6.00
GCDRI1206M-270M01	270	27	0.066	100KHz/0.1v	5.10
GCDRI1206M-330M01	330	33	0.075	100KHz/0.1v	5.00
GCDRI1206M-390M01	390	39	0.092	100KHz/0.1v	4.10
GCDRI1206M-470M01	470	47	0.097	100KHz/0.1v	4.00
GCDRI1206M-560M01	560	56	0.132	100KHz/0.1v	3.10
GCDRI1206M-680M01	680	68	0.138	100KHz/0.1v	3.00
GCDRI1206M-820M01	820	82	0.202	100KHz/0.1v	2.50
GCDRI1206M-101M01	101	100	0.207	100KHz/0.1v	2.40
GCDRI1206M-121M01	121	120	0.286	100KHz/0.1v	2.20
GCDRI1206M-151M01	151	150	0.293	100KHz/0.1v	2.10
GCDRI1206M-181M01	181	180	0.420	100KHz/0.1v	1.91
GCDRI1206M-221M01	221	220	0.470	100KHz/0.1v	1.90
GCDRI1206M-271M01	271	270	0.720	100KHz/0.1v	1.12
GCDRI1206M-331M01	331	330	0.780	100KHz/0.1v	1.10
GCDRI1206M-391M01	391	390	1.020	100KHz/0.1v	1.10
GCDRI1206M-471M01	471	470	1.080	100KHz/0.1v	1.10
GCDRI1206M-561M01	561	560	1.320	100KHz/0.1v	0.97
GCDRI1206M-681M01	681	680	1.400	100KHz/0.1v	0.96
GCDRI1206M-821M01	821	820	1.960	100KHz/0.1v	0.81
GCDRI1206M-102M01	102	1000	2.010	100KHz/0.1v	0.80