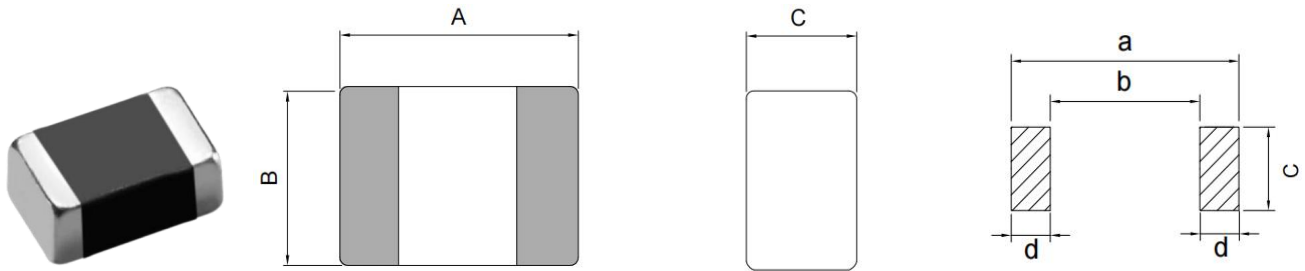


■ Multilayer Chip Ferrite Bead

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)
GCZD1005N	1.00±0.05	0.50±0.05	0.50±0.05	1.40	0.40	0.80
GCZD1608N	1.60±0.15	0.80±0.15	0.80±0.15	2.00	0.60	1.00
GCZD2012N	2.00±0.20	1.25±0.20	0.85±0.20	2.90	0.80	1.40
GCZD3216N	3.20±0.20	1.60±0.20	1.10±0.20	3.50	1.70	1.80

特点 Features

- 独石结构确保高信赖性
- Monolithic structure for high reliability
- 尺寸小同时能产生高阻值
- These small size chips generating high impedance
- 电极之低直流阻值可避免不必要的电力损耗
- LowDC resistance structure of electrode prevents wasteful electric power consumption.

应用 Applications

- 各种电子设备电源线
- Various power lines of electronic equipment.
- 主板、平板电脑、笔记本电脑、台式电脑及其周边设备
- Mother board, tablet PC, notebook, desktop computers and peripheral equipment.
- 数码相机、录影机、液晶电视、机顶盒
- DSC, DVC, LCD Television, Set Top Box.
- 各种汽车设备
- Various automotive electronics.

电感特性范围 Inductance and rated current ranges

GCZD1005N	10~1000Ω	0.05~1.50Ω	500~50mA
GCZD1608N	19~1500Ω	0.10~0.60Ω	400~200mA
GCZD2012N	17~1500Ω	0.10~0.70Ω	300~300mA
GCZD3216N	19~1800Ω	0.10~0.40Ω	800~350mA

包装数量 Packaging Quantity

GCCZ1005N	10000PCS/R
GCCZ1608N	4000PCS/R
GCCZ2012N	4000PCS/R
GCCZ3216N	3000PCS/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



GCZD Series (BEAD)

ELECTRICAL SPECIFICATION

GCZD1005N Series (Quantity: 10000PCS)/GCZD1005N 系列 (数量: 10000PCS)

Part Number	Marking	Impedance (Ω)	DCR (Ω) max.	Test Freq. (MHz)	Saturation Current(mA)
GCZD1005N-100E01	-	10 \pm 25%	0.05	100	500
GCZD1005N-300E01	-	30 \pm 25%	0.20	100	300
GCZD1005N-600E01	-	60 \pm 25%	0.40	100	200
GCZD1005N-700E01	-	70 \pm 25%	0.40	100	200
GCZD1005N-800E01	-	80 \pm 25%	0.40	100	200
GCZD1005N-101E01	-	100 \pm 25%	0.45	100	200
GCZD1005N-121E01	-	120 \pm 25%	0.50	100	200
GCZD1005N-151E01	-	150 \pm 25%	0.60	100	200
GCZD1005N-181E01	-	180 \pm 25%	0.65	100	100
GCZD1005N-221E01	-	220 \pm 25%	0.70	100	100
GCZD1005N-301E01	-	300 \pm 25%	0.75	100	100
GCZD1005N-331E01	-	330 \pm 25%	0.75	100	100
GCZD1005N-471E01	-	470 \pm 25%	0.90	100	100
GCZD1005N-501E01	-	500 \pm 25%	1.00	100	100
GCZD1005N-601E01	-	600 \pm 25%	1.10	100	50
GCZD1005N-102E01	-	1000 \pm 25%	1.50	100	50

GCZD1608N Series (Quantity: 4000PCS)/GCZD1608N 系列 (数量: 4000PCS)

Part Number	Marking	Inductance (Ω)	DCR (Ω) max.	Test Freq. (MHz)	Saturation Current(mA)
GCZD1608N-190E01	-	19 \pm 25%	0.10	100	400
GCZD1608N-310E01	-	31 \pm 25%	0.10	100	400
GCZD1608N-520E01	-	52 \pm 25%	0.15	100	400
GCZD1608N-600E01	-	60 \pm 25%	0.15	100	400
GCZD1608N-800E01	-	80 \pm 25%	0.15	100	400
GCZD1608N-101E01	-	100 \pm 25%	0.15	100	400
GCZD1608N-121E01	-	120 \pm 25%	0.15	100	400
GCZD1608N-151E01	-	150 \pm 25%	0.15	100	400
GCZD1608N-181E01	-	180 \pm 25%	0.20	100	400
GCZD1608N-201E01	-	200 \pm 25%	0.20	100	400
GCZD1608N-221E01	-	220 \pm 25%	0.20	100	400
GCZD1608N-301E01	-	300 \pm 25%	0.30	100	400
GCZD1608N-401E01	-	400 \pm 25%	0.30	100	400
GCZD1608N-450E01	-	450 \pm 25%	0.30	100	400
GCZD1608N-601E01	-	600 \pm 25%	0.35	100	400
GCZD1608N-751E01	-	750 \pm 25%	0.35	100	400
GCZD1608N-102E01	-	1000 \pm 25%	0.55	100	300
GCZD1608N-152E01	-	1500 \pm 25%	0.60	100	200



GCZD Series (BEAD)

ELECTRICAL SPECIFICATION

GCZD2012N Series (Quantity: 4000PCS)/GCZD2012N 系列 (数量: 4000PCS)

Part Number	Marking	Impedance (Ω)	DCR (Ω) max.	Test Freq. (MHz)	Saturation Current(mA)
GCZD2012N-170E01	-	17 \pm 25%	0.10	100	300
GCZD2012N-260E01	-	26 \pm 25%	0.10	100	300
GCZD2012N-310E01	-	31 \pm 25%	0.10	100	300
GCZD2012N-520E01	-	52 \pm 25%	0.15	100	300
GCZD2012N-600E01	-	60 \pm 25%	0.15	100	300
GCZD2012N-800E01	-	80 \pm 25%	0.15	100	300
GCZD2012N-101E01	-	100 \pm 25%	0.20	100	300
GCZD2012N-121E01	-	120 \pm 25%	0.20	100	300
GCZD2012N-151E01	-	150 \pm 25%	0.20	100	300
GCZD2012N-221E01	-	220 \pm 25%	0.25	100	300
GCZD2012N-301E01	-	300 \pm 25%	0.25	100	300
GCZD2012N-401E01	-	400 \pm 25%	0.30	100	300
GCZD2012N-531E01	-	530 \pm 25%	0.35	100	300
GCZD2012N-601E01	-	600 \pm 25%	0.35	100	300
GCZD2012N-102E01	-	1000 \pm 25%	0.45	100	300
GCZD2012N-152E01	-	1500 \pm 25%	0.70	100	300

GCZD3216N Series (Quantity: 3000PCS)/GCZD3216N 系列 (数量: 3000PCS)

Part Number	Marking	Inductance (Ω)	DCR (Ω) max.	Test Freq. (MHz)	Saturation Current(mA)
GCZD3216N-190E01	-	19 \pm 25%	0.10	100	800
GCZD3216N-260E01	-	26 \pm 25%	0.10	100	800
GCZD3216N-310E01	-	31 \pm 25%	0.10	100	800
GCZD3216N-520E01	-	52 \pm 25%	0.15	100	800
GCZD3216N-600E01	-	60 \pm 25%	0.15	100	500
GCZD3216N-700E01	-	70 \pm 25%	0.15	100	500
GCZD3216N-101E01	-	100 \pm 25%	0.20	100	450
GCZD3216N-121E01	-	120 \pm 25%	0.20	100	450
GCZD3216N-151E01	-	150 \pm 25%	0.20	100	450
GCZD3216N-221E01	-	220 \pm 25%	0.20	100	350
GCZD3216N-301E01	-	300 \pm 25%	0.20	100	350
GCZD3216N-401E01	-	400 \pm 25%	0.25	100	350
GCZD3216N-601E01	-	600 \pm 25%	0.25	100	350
GCZD3216N-751E01	-	750 \pm 25%	0.30	100	350
GCZD3216N-102E01	-	1000 \pm 25%	0.35	100	350
GCZD3216N-152E01	-	1500 \pm 25%	0.40	100	350
GCZD3216N-182E01	-	1800 \pm 25%	0.40	100	350

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