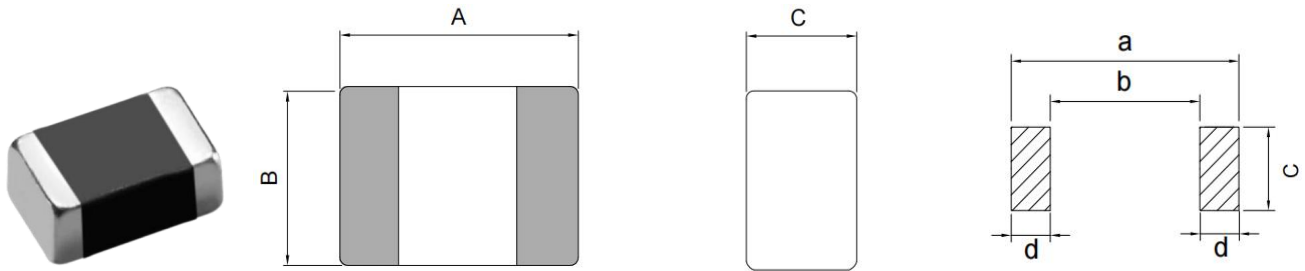


Multilayer Chip Ferrite Bead

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) |
| GCZU1005N | 1.00±0.05 | 0.50±0.05 | 0.50±0.05 | 1.40 | 0.40 | 0.80 |
| GCZU1608N | 1.60±0.15 | 0.80±0.15 | 0.80±0.15 | 2.00 | 0.60 | 1.00 |
| GCZU2012N | 2.00±0.20 | 1.25±0.20 | 0.85±0.20 | 2.90 | 0.80 | 1.40 |
| GCZU3216N | 3.20±0.20 | 1.60±0.20 | 0.90±0.20 | 3.50 | 1.70 | 1.80 |

特点 Features

—由于GCZU系列产品的低直流电阻的特征，使其适用于大电流电路，可以用于最高3A的直流电路上
 —The GCZU series can be used on high current circuits due to its low DC resistance. It can deal with DC-3A maximum on the power line.

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

| | | | |
|-----------|----------|------------|------------|
| GCZU1005N | 10~220Ω | 0.05~0.15Ω | 2.50~1.50A |
| GCZU1608N | 30~1000Ω | 0.04~0.25Ω | 3.00~1.00A |
| GCZU2012N | 17~1500Ω | 0.03~0.30Ω | 3.00~1.00A |
| GCZU3216N | 26~1000Ω | 0.05~0.25Ω | 3.00~2.00A |

包装数量 Packaging Quantity

| | |
|-----------|------------|
| GCZU1005N | 10000PCS/R |
| GCZU1608N | 4000PCS/R |
| GCZU2012N | 4000PCS/R |
| GCZU3216N | 4000PCS/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



GCZU Series (BEAD)

ELECTRICAL SPECIFICATION

GCZU1005N Series (Quantity: 10000PCS)/GCZU1005N 系列 (数量: 10000PCS)

| Part Number | Marking | Impedance (Ω) | DCR (Ω) max. | Test Freq. (MHz) | Saturation Current(mA) |
|------------------|---------|------------------------|-----------------------|------------------|------------------------|
| GCZU1005N-100E01 | - | 10 \pm 25% | 0.05 | 100 | 2500 |
| GCZU1005N-600E01 | - | 60 \pm 25% | 0.15 | 100 | 1500 |
| GCZU1005N-121E01 | - | 120 \pm 25% | 0.10 | 100 | 2000 |
| GCZU1005N-221E01 | - | 220 \pm 25% | 0.15 | 100 | 1500 |

GCZU1608N Series (Quantity: 4000PCS)/GCZU1608N 系列 (数量: 4000PCS)

| Part Number | Marking | Impedance (Ω) | DCR (Ω) max. | Test Freq. (MHz) | Saturation Current(mA) |
|------------------|---------|------------------------|-----------------------|------------------|------------------------|
| GCZU1608N-300E01 | - | 30 \pm 25% | 0.04 | 100 | 3000 |
| GCZU1608N-600E01 | - | 60 \pm 25% | 0.04 | 100 | 3000 |
| GCZU1608N-800E01 | - | 80 \pm 25% | 0.04 | 100 | 3000 |
| GCZU1608N-101E01 | - | 100 \pm 25% | 0.04 | 100 | 3000 |
| GCZU1608N-121E01 | - | 120 \pm 25% | 0.10 | 100 | 2000 |
| GCZU1608N-151E01 | - | 150 \pm 25% | 0.10 | 100 | 2000 |
| GCZU1608N-221E01 | - | 220 \pm 25% | 0.10 | 100 | 2000 |
| GCZU1608N-301E01 | - | 300 \pm 25% | 0.15 | 100 | 2000 |
| GCZU1608N-331E01 | - | 330 \pm 25% | 0.10 | 100 | 2000 |
| GCZU1608N-471E01 | - | 470 \pm 25% | 0.20 | 100 | 1000 |
| GCZU1608N-601E01 | - | 600 \pm 25% | 0.30 | 100 | 1000 |
| GCZU1608N-102E01 | - | 1000 \pm 25% | 0.25 | 100 | 1000 |

GCZU2012N Series (Quantity: 4000PCS)/GCZU2012N 系列 (数量: 4000PCS)

| Part Number | Marking | Impedance (Ω) | DCR (Ω) max. | Test Freq. (MHz) | Saturation Current(mA) |
|------------------|---------|------------------------|-----------------------|------------------|------------------------|
| GCZU2012N-170E01 | - | 17 \pm 25% | 0.03 | 100 | 3000 |
| GCZU2012N-310E01 | - | 31 \pm 25% | 0.03 | 100 | 3000 |
| GCZU2012N-470E01 | - | 47 \pm 25% | 0.03 | 100 | 3000 |
| GCZU2012N-520E01 | - | 52 \pm 25% | 0.03 | 100 | 3000 |
| GCZU2012N-600E01 | - | 60 \pm 25% | 0.04 | 100 | 3000 |
| GCZU2012N-800E01 | - | 80 \pm 25% | 0.04 | 100 | 3000 |
| GCZU2012N-101E01 | - | 100 \pm 25% | 0.04 | 100 | 3000 |
| GCZU2012N-121E01 | - | 120 \pm 25% | 0.05 | 100 | 3000 |
| GCZU2012N-221E01 | - | 220 \pm 25% | 0.10 | 100 | 2000 |
| GCZU2012N-301E01 | - | 300 \pm 25% | 0.05 | 100 | 3000 |
| GCZU2012N-331E01 | - | 330 \pm 25% | 0.10 | 100 | 2000 |
| GCZU2012N-601E01 | - | 600 \pm 25% | 0.10 | 100 | 2000 |
| GCZU2012N-102E01 | - | 1000 \pm 25% | 0.30 | 100 | 1000 |
| GCZU2012N-152E01 | - | 1500 \pm 25% | 0.30 | 100 | 1000 |



GCZU Series (BEAD)

■ ELECTRICAL SPECIFICATION

GCZU3216N Series (Quantity: 4000PCS)/GCZU3216N 系列 (数量: 4000PCS)

| Part Number | Marking | Impedance (Ω) | DCR (Ω) max. | Test Freq. (MHz) | Saturation Current(mA) |
|------------------|---------|------------------------|-----------------------|------------------|------------------------|
| GCZU3216N-260E01 | - | 26 \pm 25% | 0.05 | 100 | 3000 |
| GCZU3216N-300E01 | - | 30 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-310E01 | - | 31 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-500E01 | - | 50 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-600E01 | - | 60 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-700E01 | - | 70 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-800E01 | - | 80 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-101E01 | - | 100 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-121E01 | - | 120 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-151E01 | - | 150 \pm 25% | 0.07 | 100 | 3000 |
| GCZU3216N-221E01 | - | 220 \pm 25% | 0.12 | 100 | 2500 |
| GCZU3216N-301E01 | - | 300 \pm 25% | 0.15 | 100 | 2000 |
| GCZU3216N-501E01 | - | 500 \pm 25% | 0.20 | 100 | 2000 |
| GCZU3216N-601E01 | - | 600 \pm 25% | 0.20 | 100 | 2000 |
| GCZU3216N-102E01 | - | 1000 \pm 25% | 0.25 | 100 | 2000 |