

## CHIP FERRITE BEAD FOR LARGE CURRENT 大电流片式铁氧体磁珠

CPZ 系列

## FEATURES

- High rated current up to 6A.
- Monolithic inorganic material construction.
- Excellent solderability and heat resistance.
- Closed magnetic circuit avoids crosstalk.
- High impedance over a wide frequency range and perfect effect for EMI suppression at high frequency.

## APPLICATIONS

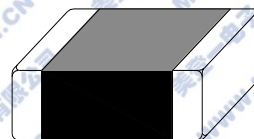
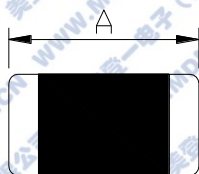
- Suitable for noise suppression in digital equipment such as television, DVD, Note book, video camera, car stereos, OA equipments, mobile phone, MP3, MP4, PDA, television tuners, DC, Portable media player, etc.

## ORDERING CODE

CPZ 1608U - 300 T

└ Packing style(T:taping; B: bulk)  
 └ Impedance value( $\Omega$ ) ( $\pm 25\%$ )  
 └ Specification and material code  
 └ Type

## DIMENSIONS AND LAND PATTERNS(mm)



## 特 征

- 高额定电流达 6A;
- 独石无机材料结构;
- 优秀的焊接性能及耐热性;
- 封闭磁路避免干扰;
- 在较宽的频率范围内有高阻抗值, 在高频能有效地抑制电磁干扰。

## 用 途

- 适用于电视机、液晶显示器、笔记本电脑、摄影机、汽车音响、电脑主机板、办公自动化设备、移动电话、MP3、MP4、PDA、电视调谐器、数码相机, 便携式多媒体播放器等数字信号设备的噪音控制。

## SHAPE



| TYPE    | A               | B               | C               | D               |
|---------|-----------------|-----------------|-----------------|-----------------|
| CPZ1005 | $1.00 \pm 0.15$ | $0.50 \pm 0.15$ | $0.50 \pm 0.15$ | $0.25 \pm 0.20$ |
| CPZ1608 | $1.60 \pm 0.15$ | $0.80 \pm 0.15$ | $0.80 \pm 0.15$ | $0.30 \pm 0.20$ |
| CPZ2012 | $2.00 \pm 0.20$ | $1.25 \pm 0.20$ | $0.85 \pm 0.20$ | $0.50 \pm 0.30$ |
| CPZ3216 | $3.20 \pm 0.20$ | $1.60 \pm 0.20$ | $0.85 \pm 0.20$ | $0.50 \pm 0.30$ |
| CPZ4516 | $4.50 \pm 0.20$ | $1.60 \pm 0.20$ | $1.60 \pm 0.20$ | $0.50 \pm 0.30$ |



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## CPZ 系列

## CPZ1608 TYPE

| PART NO      | Z<br>$\Omega$ ( $\pm 25\%$ ) | TEST FREQ.<br>MHz | DCR(max)<br>$\Omega$ | Idc(max)<br>mA |
|--------------|------------------------------|-------------------|----------------------|----------------|
| CPZ1005D-100 | 0—30                         | 100               | 0.05                 | 1000           |
| CPZ1005E-100 | 1—15                         | 100               | 0.02                 | 1800           |
| CPZ1005E-700 | 70                           | 100               | 0.10                 | 800            |
| CPZ1005E-121 | 120                          | 100               | 0.13                 | 700            |
| CPZ1005E-221 | 220                          | 100               | 0.18                 | 600            |
| CPZ1005E-601 | 600                          | 100               | 0.34                 | 450            |
| CPZ1005U-700 | 70                           | 100               | 0.10                 | 1200           |
| CPZ1005U-121 | 120                          | 100               | 0.12                 | 1000           |
| CPZ1005U-221 | 220                          | 100               | 0.18                 | 800            |
| CPZ1005U-601 | 600                          | 100               | 0.34                 | 450            |

## CPZ1608 TYPE

| PART NO      | Z<br>$\Omega$ ( $\pm 25\%$ ) | TEST FREQ.<br>MHz | DCR(max)<br>$\Omega$ | Idc(max)<br>mA |
|--------------|------------------------------|-------------------|----------------------|----------------|
| CPZ1608D-300 | 5—15                         | 100               | 0.03                 | 3000           |
| CPZ1608D-600 | 30                           | 100               | 0.08                 | 2000           |
| CPZ1608D-121 | 120                          | 100               | 0.20                 | 1000           |
| CPZ1608D-221 | 220                          | 100               | 0.20                 | 1000           |
| CPZ1608D-601 | 330                          | 100               | 0.35                 | 500            |
| CPZ1608U-100 | 5—15                         | 100               | 0.02                 | 3000           |
| CPZ1608U-300 | 30                           | 100               | 0.03                 | 3000           |
| CPZ1608U-600 | 60                           | 100               | 0.04                 | 2500           |
| CPZ1608U-121 | 120                          | 100               | 0.05                 | 2000           |
| CPZ1608U-221 | 220                          | 100               | 0.10                 | 1400           |
| CPZ1608U-331 | 330                          | 100               | 0.14                 | 1200           |
| CPZ1608U-391 | 390                          | 100               | 0.14                 | 1000           |
| CPZ1608U-471 | 470                          | 100               | 0.20                 | 1000           |

## CPZ2012 TYPE

| PART NO      | Z<br>$\Omega$ ( $\pm 25\%$ ) | TEST FREQ.<br>MHz | DCR(max)<br>$\Omega$ | Idc(max)<br>mA |
|--------------|------------------------------|-------------------|----------------------|----------------|
| CPZ2012D-390 | 39                           | 100               | 0.02                 | 4000           |
| CPZ2012D-800 | 80                           | 100               | 0.04                 | 3000           |
| CPZ2012D-121 | 120                          | 100               | 0.06                 | 2500           |
| CPZ2012D-221 | 220                          | 100               | 0.08                 | 1500           |
| CPZ2012D-301 | 300                          | 100               | 0.12                 | 1500           |
| CPZ2012D-471 | 470                          | 100               | 0.25                 | 800            |
| CPZ2012D-601 | 600                          | 100               | 0.25                 | 800            |



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| PART NO      | Z<br>$\Omega$ ( $\pm 25\%$ ) | TEST FREQ.<br>MHz | DCR(max)<br>$\Omega$ | Idc(max)<br>mA |
|--------------|------------------------------|-------------------|----------------------|----------------|
| CPZ2012U-300 | 30                           | 100               | 0.015                | 4000           |
| CPZ2012U-600 | 60                           | 100               | 0.025                | 3000           |
| CPZ2012U-121 | 120                          | 100               | 0.04                 | 2500           |
| CPZ2012U-221 | 220                          | 100               | 0.07                 | 2000           |
| CPZ2012U-301 | 300                          | 100               | 0.10                 | 1500           |
| CPZ2012U-421 | 420                          | 100               | 0.20                 | 1000           |
| CPZ2012U-601 | 600                          | 100               | 0.25                 | 800            |

**CPZ3216 TYPE**

| PART NO      | Z<br>$\Omega$ ( $\pm 25\%$ ) | TEST FREQ.<br>MHz | DCR(max)<br>$\Omega$ | Idc(max)<br>mA |
|--------------|------------------------------|-------------------|----------------------|----------------|
| CPZ3216D-190 | 19                           | 100               | 0.010                | 6000           |
| CPZ3216D-380 | 38                           | 100               | 0.015                | 5000           |
| CPZ3216D-600 | 60                           | 100               | 0.02                 | 4000           |
| CPZ3216D-121 | 120                          | 100               | 0.03                 | 3000           |
| CPZ3216D-501 | 500                          | 100               | 0.07                 | 2000           |
| CPZ3216D-601 | 600                          | 100               | 0.07                 | 2000           |
| CPZ3216U-300 | 30                           | 100               | 0.01                 | 6000           |
| CPZ3216U-600 | 60                           | 100               | 0.025                | 4000           |
| CPZ3216U-121 | 120                          | 100               | 0.03                 | 3000           |
| CPZ3216U-221 | 220                          | 100               | 0.08                 | 2000           |
| CPZ3216U-301 | 300                          | 100               | 0.10                 | 2000           |
| CPZ3216U-391 | 390                          | 100               | 0.07                 | 2000           |
| CPZ3216U-601 | 600                          | 100               | 0.10                 | 1500           |
| CPZ3216U-102 | 1000                         | 100               | 0.30                 | 500            |

**CPZ4516 TYPE**

| PART NO      | Z<br>$\Omega$ ( $\pm 25\%$ ) | TEST FREQ.<br>MHz | DCR(max)<br>$\Omega$ | Idc(max)<br>mA |
|--------------|------------------------------|-------------------|----------------------|----------------|
| CPZ4516U-600 | 60                           | 100               | 0.01                 | 6000           |
| CPZ4516U-720 | 72                           | 100               | 0.01                 | 6000           |
| CPZ4516U-181 | 180                          | 100               | 0.025                | 3000           |
| CPZ4516U-471 | 470                          | 100               | 0.05                 | 2000           |