

# Chip Bead For High Current

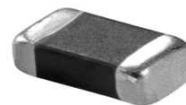
## CIC21 Series (2012/ EIA 0805)

### APPLICATION

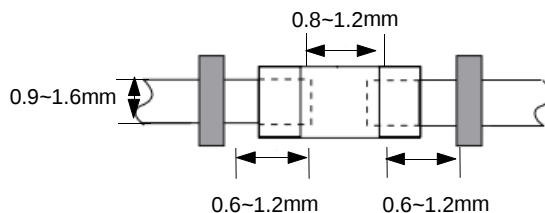
Noise Suppression in power line

### FEATURES

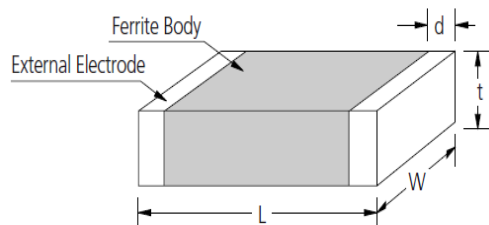
- CIC series is used for high current. )



### RECOMMENDED LAND PATTERN



### DIMENSION



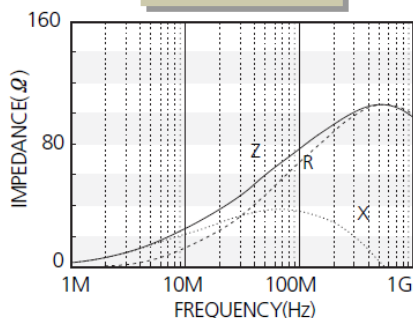
| Type | Dimension [mm] |          |         |                 |
|------|----------------|----------|---------|-----------------|
|      | L              | W        | t       | d               |
| 21   | 2.0±0.2        | 1.25±0.2 | 0.9±0.2 | 0.5+0.2<br>-0.3 |

### DESCRIPTION

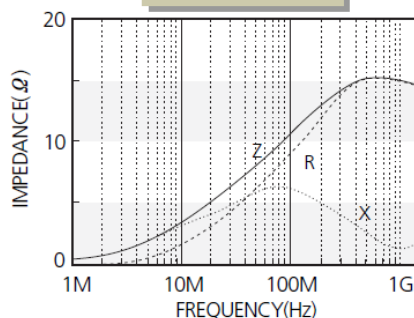
| Part no.  | Thickness (mm) | Impedance ( $\Omega$ )±25%@100MHz | DC Resistance ( $\Omega$ ) Max. | Rated Current (mA) Max. |
|-----------|----------------|-----------------------------------|---------------------------------|-------------------------|
| CIC21P110 | 0.90±0.2       | 11                                | 0.05                            | 6000                    |
| CIC21P300 | 0.90±0.2       | 30                                | 0.015                           | 3000                    |
| CIC21P600 | 0.90±0.2       | 60                                | 0.025                           | 3000                    |
| CIC21P800 | 0.90±0.2       | 80                                | 0.025                           | 2500                    |
| CIC21P101 | 0.90±0.2       | 100                               | 0.02                            | 2000                    |
| CIC21P121 | 0.90±0.2       | 120                               | 0.05                            | 2000                    |
| CIC21P221 | 0.90±0.2       | 220                               | 0.035                           | 3200                    |
| CIC21P331 | 0.85±0.2       | 330                               | 0.05                            | 2000                    |
| CIC21P601 | 0.90±0.2       | 600                               | 0.15                            | 1000                    |
| CIC21J600 | 0.90±0.2       | 60                                | 0.03                            | 3800                    |
| CIC21J121 | 0.90±0.2       | 120                               | 0.05                            | 2500                    |
| CIC21J221 | 0.90±0.2       | 220                               | 0.05                            | 1500                    |
| CIC21J301 | 0.90±0.2       | 300                               | 0.10                            | 1500                    |
| CIC21J471 | 0.90±0.2       | 470                               | 0.08                            | 1500                    |
| CIC21J601 | 0.90±0.2       | 600                               | 0.15                            | 1000                    |

## CHARACTERISTIC DATA

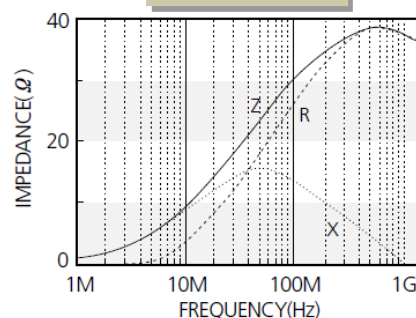
CIC21P800



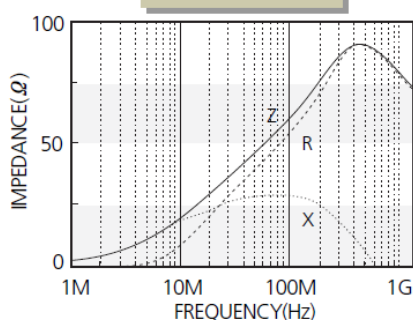
CIC21P110



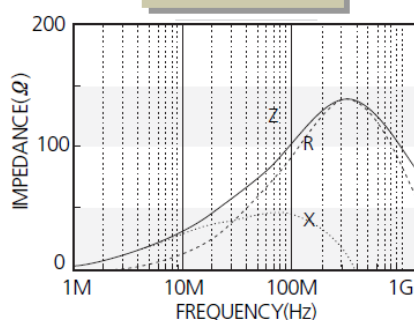
CIC21P300



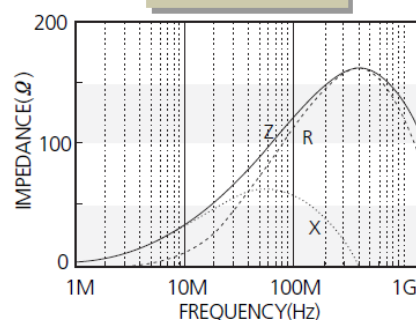
CIC21P600



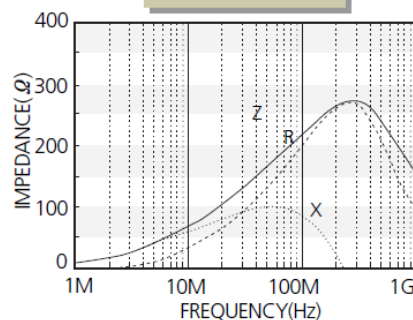
CIC21P101



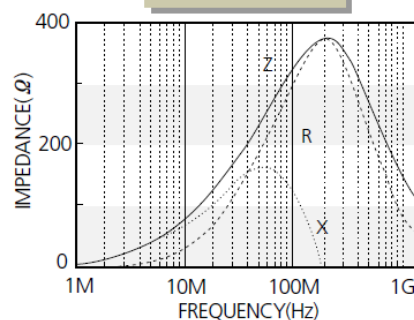
CIC21P121



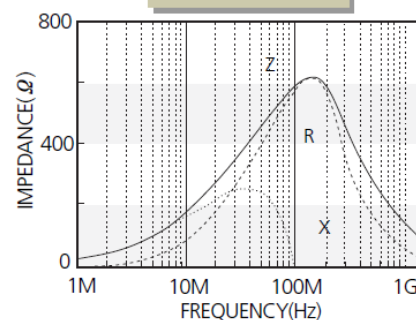
CIC21P221



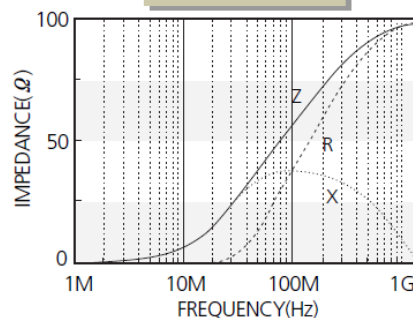
CIC21P331



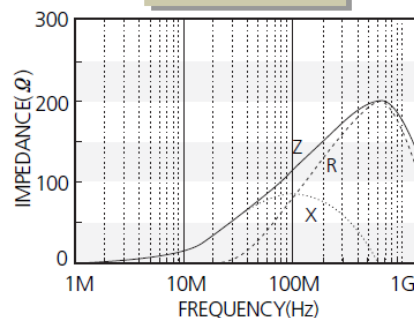
CIC21P601



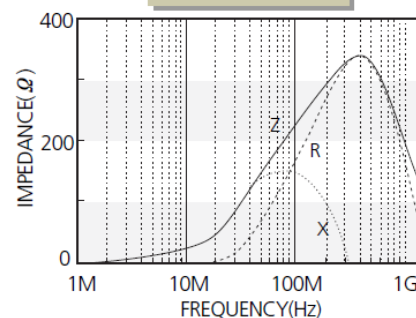
CIC21J600



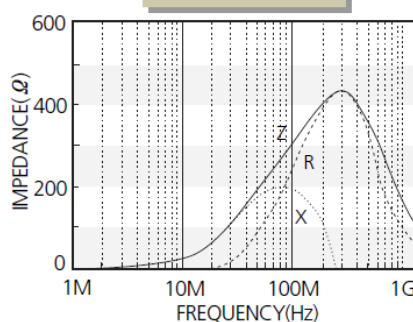
CIC21J121



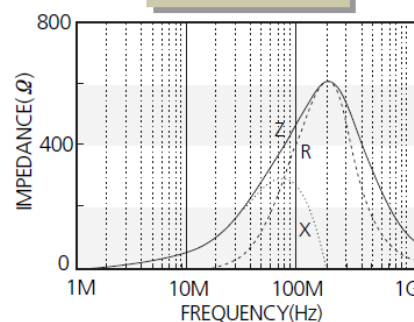
CIC21J221



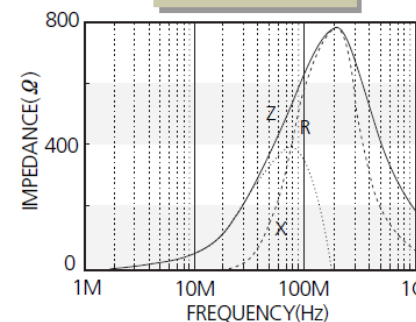
CIC21J301



CIC21J471



CIC21J601



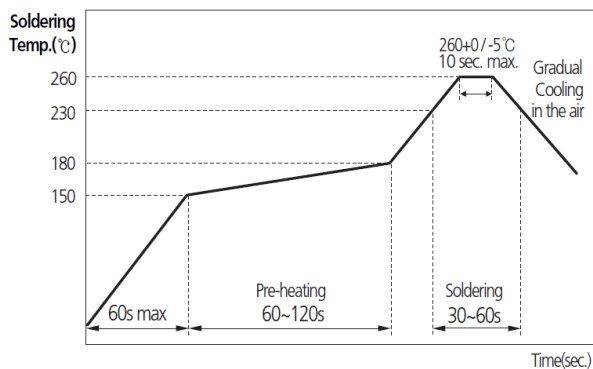
PRODUCT IDENTIFICATION

| CI  | C   | 21  | P   | 110 | N   | E   |
|-----|-----|-----|-----|-----|-----|-----|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |

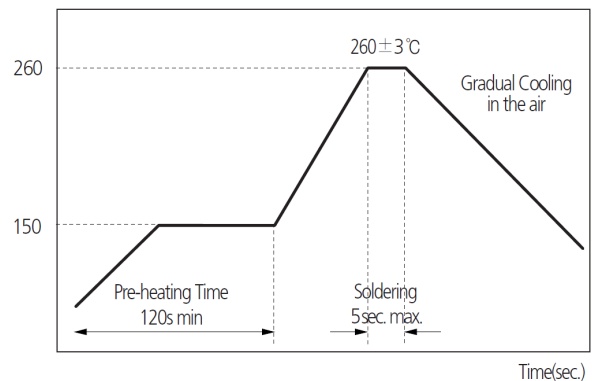
- (1) Chip Beads  
(2) For High current(C:~3A)  
(3) Dimension  
(4) Material Code  
(5) Nominal impedance (110:11Ω, 221:220Ω )  
(6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)  
(7) Packaging(C:paper tape, E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

| Packaging Style | Quantity(pcs/reel) |
|-----------------|--------------------|
| Embossed Taping | 4000               |



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The data sheets include the typical data for design reference only. If there is any question regarding the data sheets, please contact our sales personnel or application engineers.