

# Chip Bead For EMI Suppression

## CIS10P Series (1608/ EIA 0603)



### APPLICATION

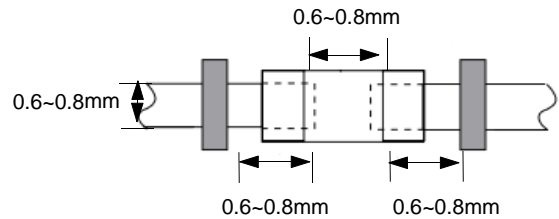
Noise Suppression in power line

### FEATURES

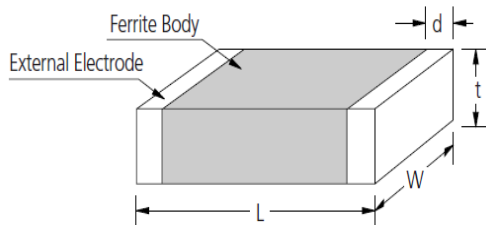
Smallest beads used in high current.

- CIS series is used for high current. (~ 6A)

### RECOMMENDED LAND PATTERN



### DIMENSION

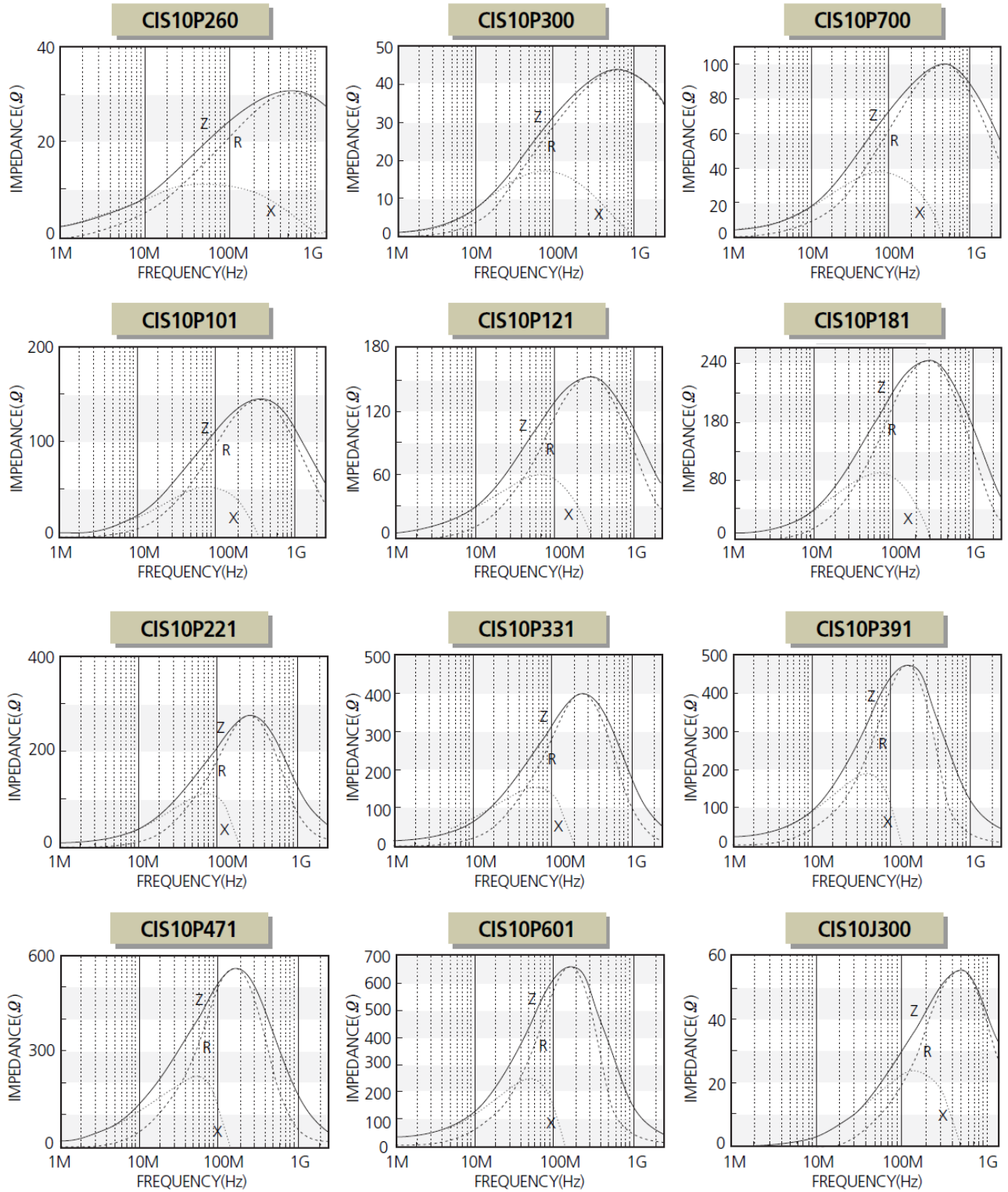


| Type | Dimension [mm] |              |                       |             |
|------|----------------|--------------|-----------------------|-------------|
|      | L              | W            | t                     | d           |
| 10   | 1.6<br>±0.15   | 0.8<br>±0.15 | 0.6±0.15,<br>0.8±0.15 | 0.3<br>±0.2 |

### DESCRIPTION

| Part No.    | Thickness (mm) | Impedance (Ω)±25%@100MHz | DC Resistance (Ω) Max. | Rated Current (mA) Max. |
|-------------|----------------|--------------------------|------------------------|-------------------------|
| CIS10P260AC | 0.6±0.15       | 26                       | 0.007                  | 6000                    |
| CIS10P300AC | 0.6±0.15       | 30                       | 0.01                   | 6000                    |
| CIS10P700AC | 0.6±0.15       | 70                       | 0.02                   | 4000                    |
| CIS10P101AC | 0.6±0.15       | 100                      | 0.03                   | 3000                    |
| CIS10P121AC | 0.6±0.15       | 120                      | 0.03                   | 3000                    |
| CIS10P181AC | 0.6±0.15       | 180                      | 0.04                   | 2500                    |
| CIS10P221NC | 0.8±0.15       | 220                      | 0.05                   | 2500                    |
| CIS10P301NC | 0.8±0.15       | 300                      | 0.07                   | 2000                    |
| CIS10P331NC | 0.8±0.15       | 330                      | 0.07                   | 1700                    |
| CIS10P391NC | 0.8±0.15       | 390                      | 0.10                   | 1200                    |
| CIS10P471NC | 0.8±0.15       | 470                      | 0.13                   | 1500                    |
| CIS10P601NC | 0.8±0.15       | 600                      | 0.15                   | 1300                    |

**CHARACTERISTIC DATA**



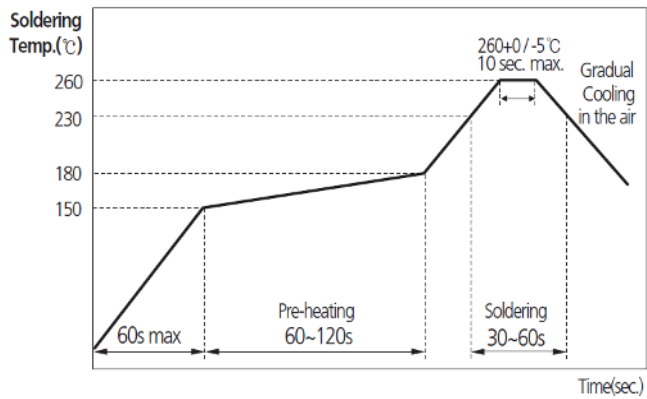
**PRODUCT IDENTIFICATION**

**CI S 10 P 300 A C**  
**(1) (2) (3) (4) (5) (6) (7)**

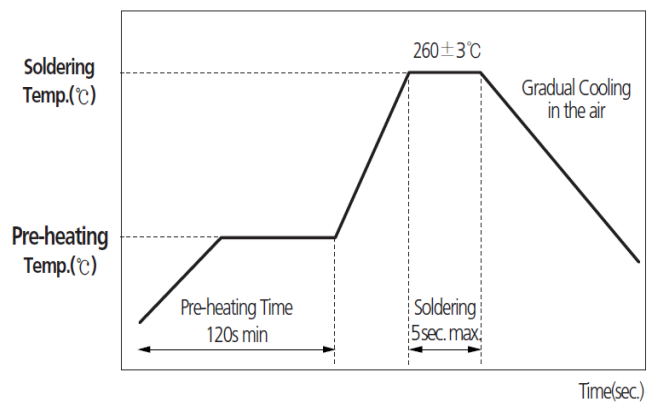
- (1) Chip Beads
- (2) Ultra high current (~6A)
- (3) Dimension
- (4) Material Code
- (5) Nominal impedance (300:30Ω, 121:120Ω )
- (6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
- (7) Packaging(C:paper tape, E:embossed tape)

**RECOMMENDED SOLDERING CONDITION**

**REFLOW SOLDERING**



**FLOW SOLDERING**



**PACKAGING**

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