

# Chip Bead For High Current

## CIS Series

### APPLICATION

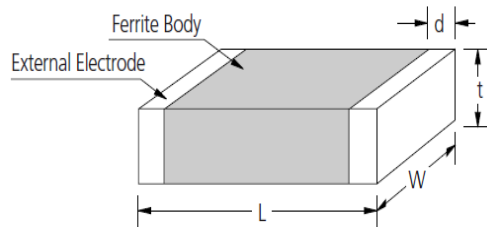
Noise Suppression in power line

### FEATURES

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



### DIMENSION

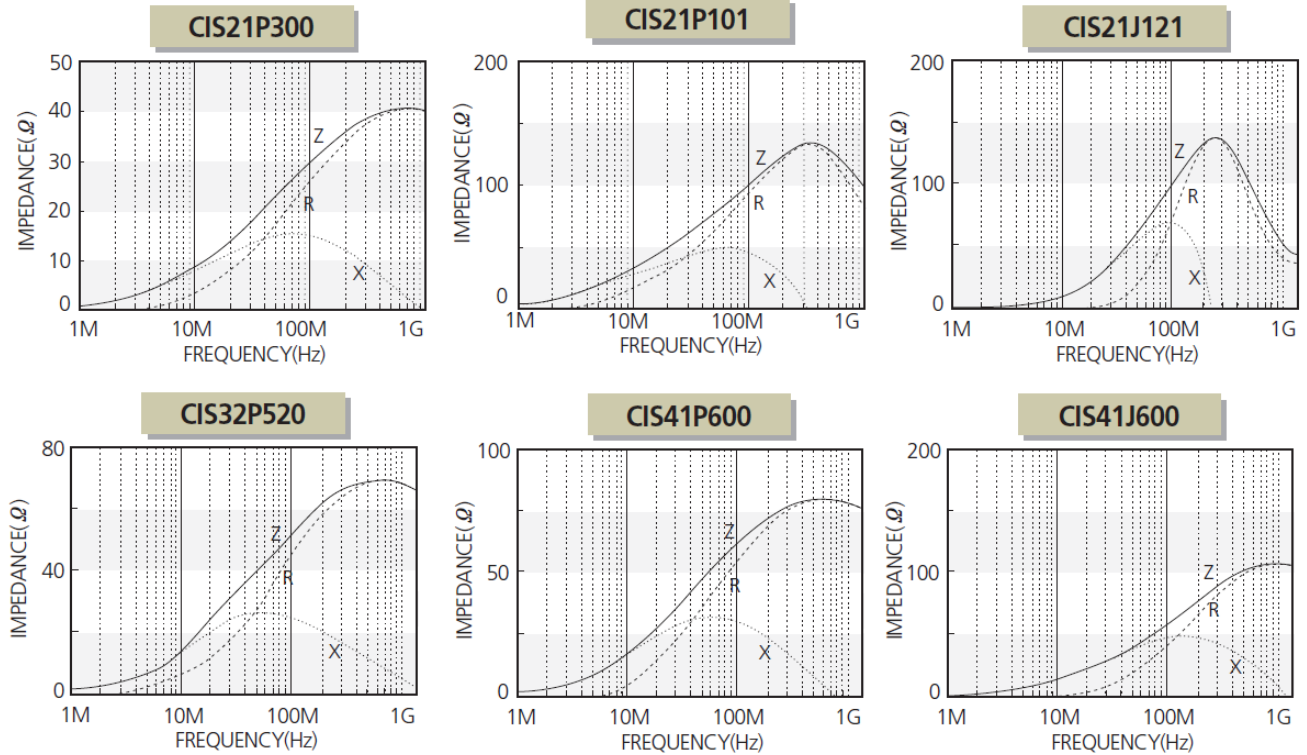


| Type | Dimension [mm] |          |                        |                 |
|------|----------------|----------|------------------------|-----------------|
|      | L              | W        | t                      | d               |
| 21   | 2.0±0.2        | 1.25±0.2 | 0.9±0.2                | 0.5+0.2<br>-0.3 |
| 32   | 3.2±0.2        | 2.5±0.2  | 1.3±0.2                | 0.5±0.3         |
| 41   | 4.5±0.2        | 1.6±0.2  | N:1.6±0.2<br>A:1.2±0.2 | 0.5±0.3         |

### DESCRIPTION

| Part no.  | Thickness (mm)  | Impedance (Ω)±25%@100MHz | DC Resistance (Ω) Max. | Rated Current (mA) Max. |
|-----------|-----------------|--------------------------|------------------------|-------------------------|
| CIS21P300 | 0.9±0.2         | 30                       | 0.01                   | 6000                    |
| CIS21P101 | 0.9±0.2         | 100                      | 0.02                   | 4000                    |
| CIS21J121 | 0.9±0.2         | 120                      | 0.02                   | 5000                    |
| CIS32P520 | 1.3±0.2         | 52                       | 0.01                   | 6000                    |
| CIS41P600 | 1.6±0.2/1.2±0.2 | 60                       | 0.01                   | 6000                    |
| CIS41J600 | 1.6±0.2/1.2±0.2 | 60                       | 0.01                   | 6000                    |

# CHARACTERISTIC DATA



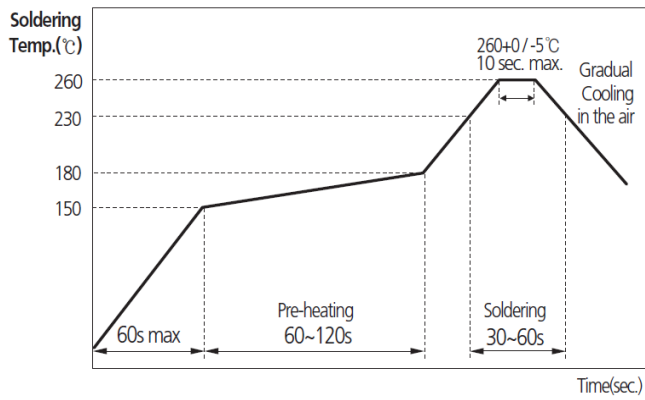
# PRODUCT IDENTIFICATION

| CI  | S   | 21  | P   | 300 | N   | E   |
|-----|-----|-----|-----|-----|-----|-----|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |

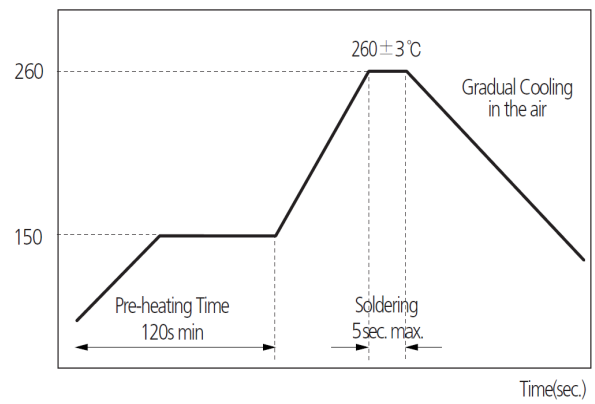
- (1) Chip Beads
- (2) For High current(S:~6A)
- (3) Dimension
- (4) Material Code
- (5) Nominal impedance (300:30Ω, 221:220Ω )
- (6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
- (7) Packaging(C:paper tape, E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

| Type | Packaging Style | Quantity(pcs/reel) |
|------|-----------------|--------------------|
| 21   | Embossed Taping | 4,000              |
| 32   | Embossed Taping | 2,500              |
| 41   | Embossed Taping | 2,000              |



Any data in this sheet are subject to change, modify or discontinue without notice.

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.