

Chip Bead; CIC, CIS Series

For High Current



The CIC, CIS Series can be used in high current owing to their low DC resistance. They can match power lines to a maximum of 6A DC

General Features

- Smallest beads used in high current.
(CIC: ~ 3A, CIS : ~ 6A)

Applications

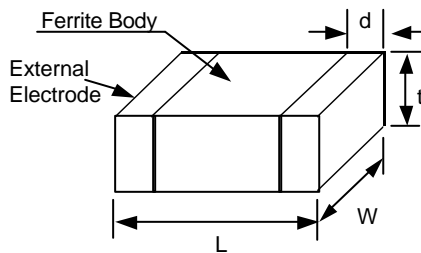
- Suppression of noise in power line

Part Numbering

CI C 21 O 520 N E
(1) (2) (3) (4) (5) (6) (7)

- (1) Chip Inductor
- (2) C: for high current ~ 3A, S : Ultra high current ~ 6A
- (3) Dimensions
- (4) Material Code(U: high impedance at 10 MHz; J: Low impedance at 10 MHz)
- (5) Normal Impedance(310:31Ω, 121: 120 Ω)
- (6) Thickness option(N:Standard, A:Thinner than standard, B: Thicker than standard)
- (7) Package Style(C:paper tape, 7" reel; E: embossed tape, 7" reel)

Dimensions



Unit : mm

SIZE CODE	L	W	t	d
05	1.0 ± 0.05	0.5 ± 0.05	0.5 ± 0.05	0.25 ± 0.1
10	1.6 ± 0.15	0.8 ± 0.15	0.8 ± 0.15	0.3 ± 0.2
21	2.0 ± 0.2	1.25 ± 0.2	0.9 ± 0.2	0.5+0.2,-0.3
31	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.5+0.2,-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	1.6 ± 0.2	0.5 ± 0.3
43	4.5 ± 0.2	3.2 ± 0.2	1.5 ± 0.2	0.5 ± 0.3