



**THE DATASHEET OF
CIC10P221NC**



Chip Bead For High Current

CIC10 Series (1608/ EIA 0603)



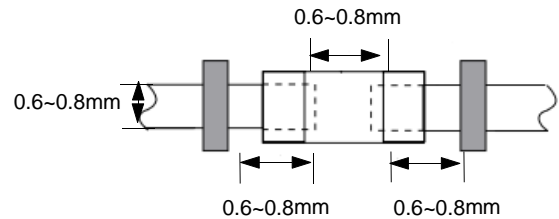
APPLICATION

Noise Suppression in power line

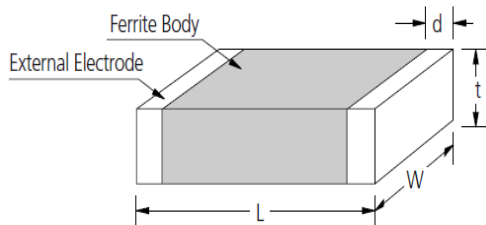
FEATURES

- CIC series is used for high current. (~ 3A)

RECOMMENDED LAND PATTERN



DIMENSION



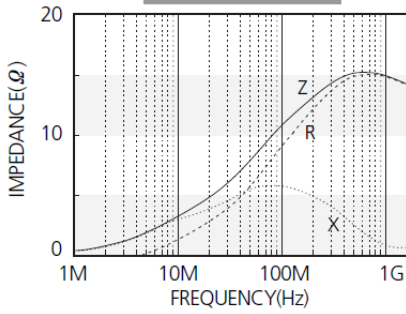
Type	Dimension [mm]			
	L	W	t	d
10	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2

DESCRIPTION

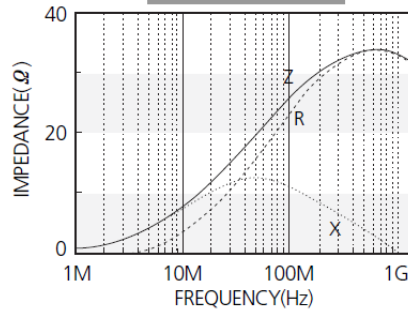
Part no.	Thickness (mm)	Impedance (Ω)±25%@100MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.
CIC10P080	0.80±0.15	8	0.03	3000
CIC10P220	0.80±0.15	22	0.025	3000
CIC10P300	0.80±0.15	30	0.025	3000
CIC10P330	0.80±0.15	33	0.025	3000
CIC10P600	0.80±0.15	60	0.05	2500
CIC10P800	0.80±0.15	80	0.05	2000
CIC10P101	0.80±0.15	100	0.05	2000
CIC10P121	0.80±0.15	120	0.05	2000
CIC10P151	0.80±0.15	150	0.09	1500
CIC10P181	0.80±0.15	180	0.09	1500
CIC10P221	0.80±0.15	220	0.10	1400
CIC10P301	0.80±0.15	300	0.12	1200
CIC10P331	0.80±0.15	330	0.14	1200
CIC10P471	0.80±0.15	470	0.15	1200
CIC10P601	0.80±0.15	600	0.15	1200
CIC10J080	0.80±0.15	8	0.02	3000
CIC10J300	0.80±0.15	30	0.03	3000
CIC10J470	0.80±0.15	47	0.05	2000
CIC10J600	0.80±0.15	60	0.05	2000
CIC10J800	0.80±0.15	80	0.10	2000
CIC10J121	0.80±0.15	120	0.10	2000
CIC10J151	0.80±0.15	150	0.15	1500
CIC10J221	0.80±0.15	220	0.15	1500
CIC10J301	0.80±0.15	300	0.15	800
CIC10J471	0.80±0.15	470	0.15	800
CIC10J601	0.80±0.15	600	0.15	750

CHARACTERISTIC DATA

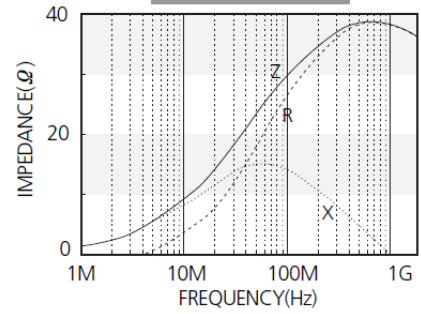
CIC10P080



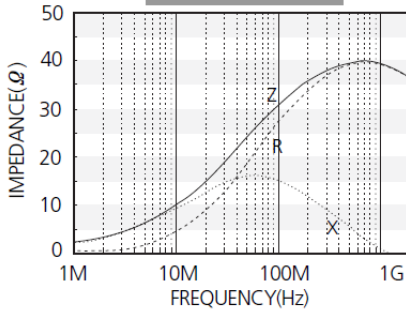
CIC10P220



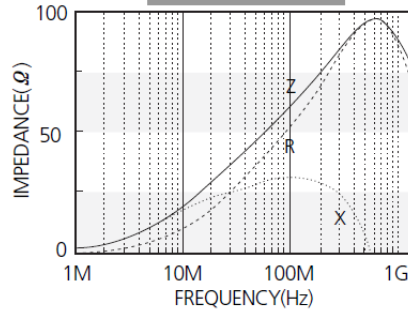
CIC10P300



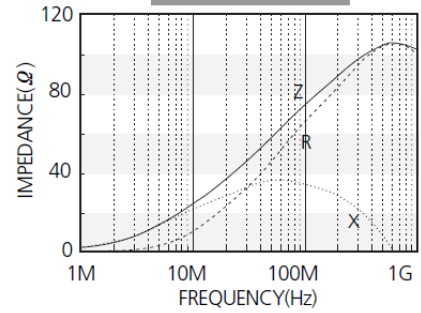
CIC10P330



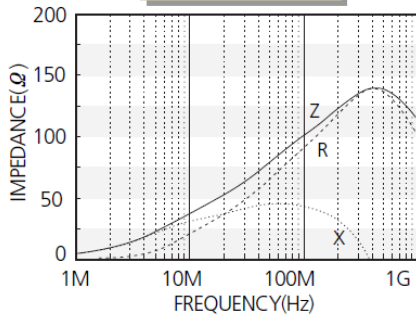
CIC10P600



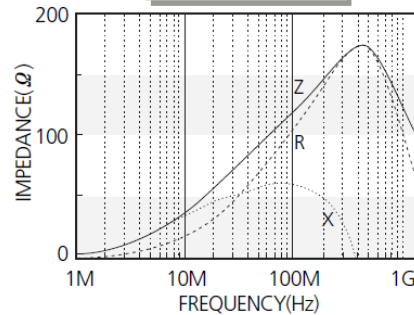
CIC10P800



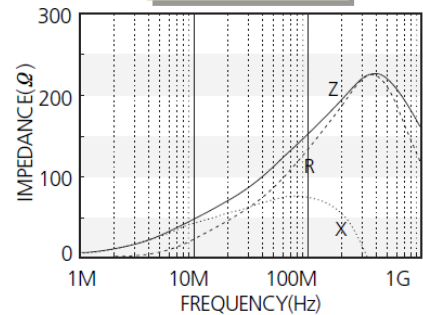
CIC10P101



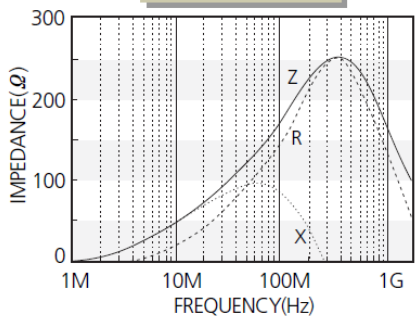
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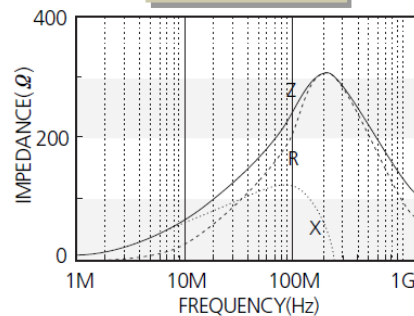
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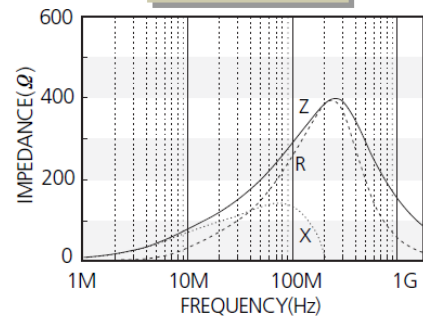
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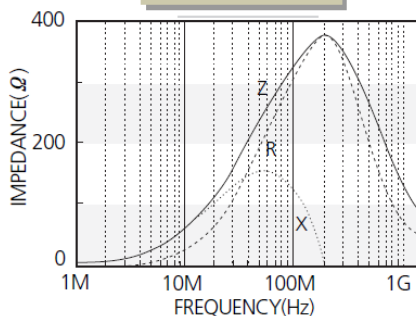
CIC10P221



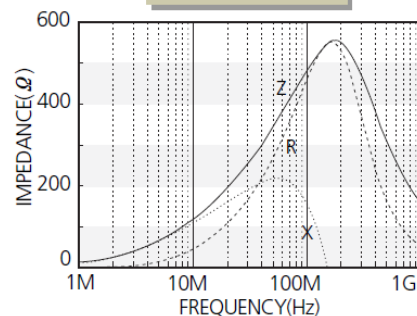
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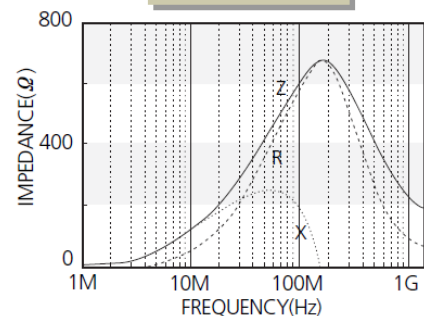
CIC10P331



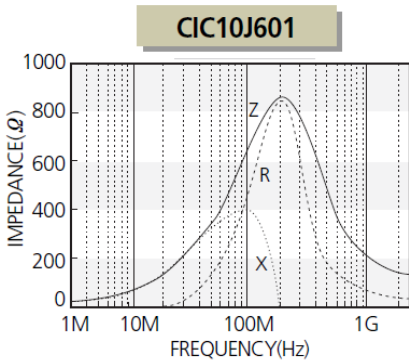
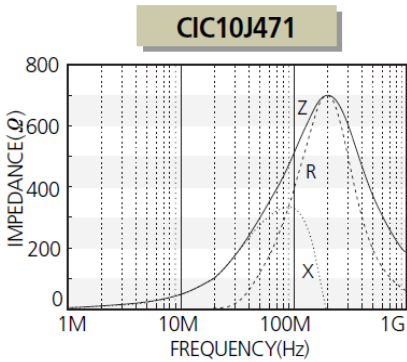
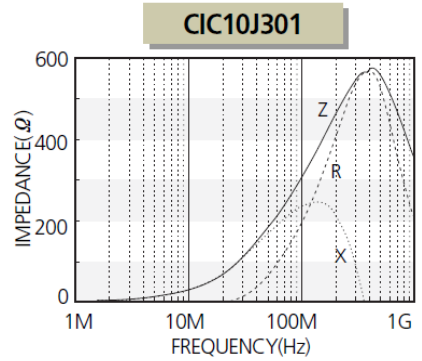
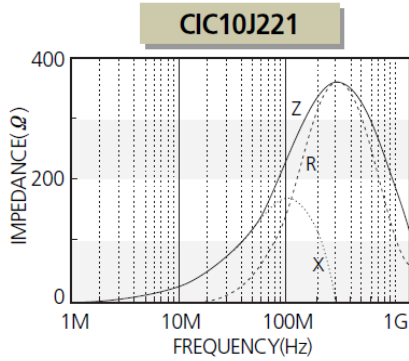
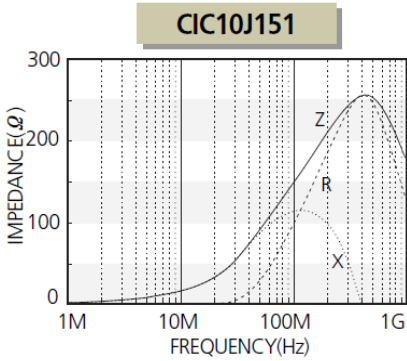
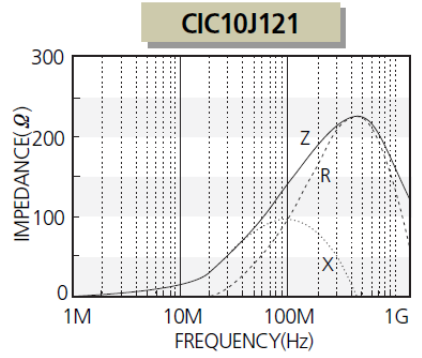
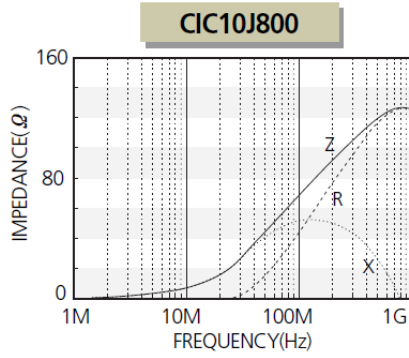
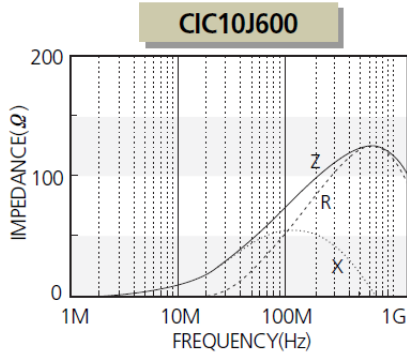
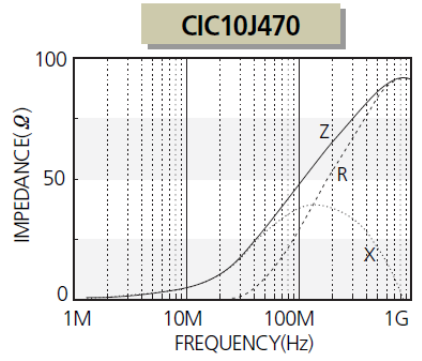
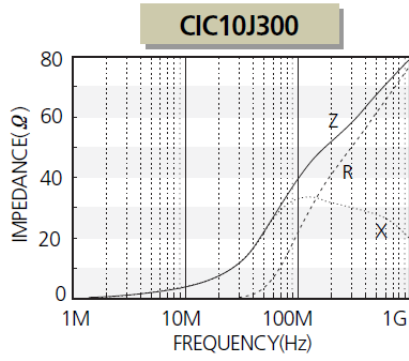
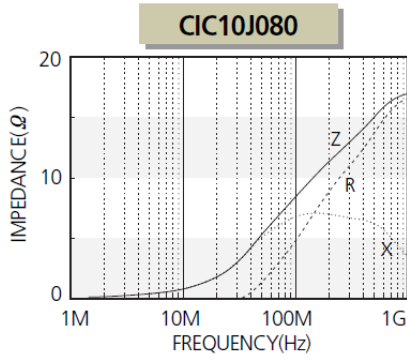
CIC10P471



CIC10P601



CHARACTERISTIC DATA



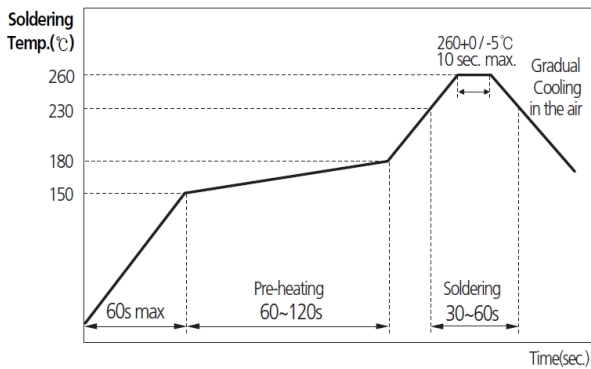
PRODUCT IDENTIFICATION

CI C 10 P 080 N C
(1) (2) (3) (4) (5) (6) (7)

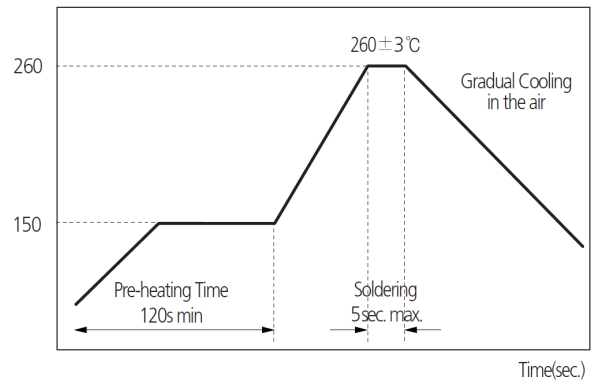
- (1) Chip Beads
- (2) For High current(C:~3A)
- (3) Dimension
- (4) Material Code
- (5) Nominal impedance (080:8Ω, 221:220Ω)
- (6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
- (7) Packaging(C:paper tape, E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

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



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.

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- ✓ Shortage Management
- ✓ Alternative Solution
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