

Chip Bead For High Current

CIC10 Series (1608/ EIA 0603)

APPLICATION

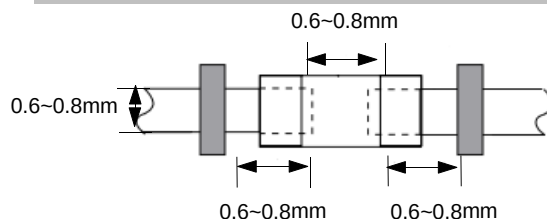
Noise Suppression in power line

FEATURES

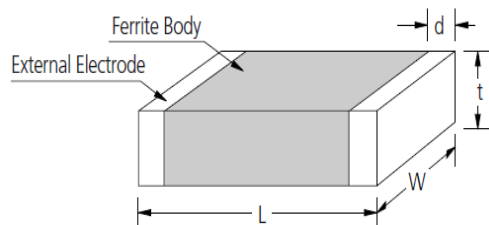
- CIC series is used for high current. (~ 3A)



RECOMMENDED LAND PATTERN



DIMENSION



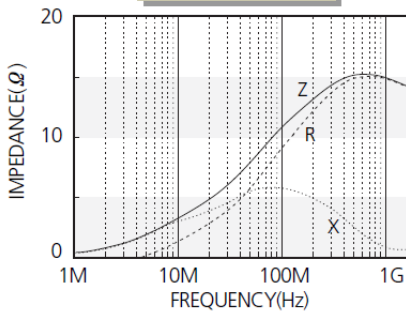
Type	Dimension [mm]			
	L	W	t	d
10	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2

DESCRIPTION

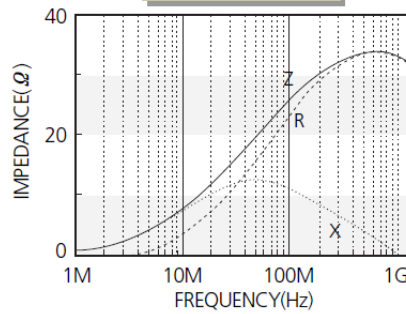
Part no.	Thickness (mm)	Impedance (Ω)±25%@100MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.
CIC10P080	0.80±0.15	8	0.03	3000
CIC10P220	0.80±0.15	22	0.025	3000
CIC10P300	0.80±0.15	30	0.025	3000
CIC10P330	0.80±0.15	33	0.025	3000
CIC10P600	0.80±0.15	60	0.05	2500
CIC10P800	0.80±0.15	80	0.05	2000
CIC10P101	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

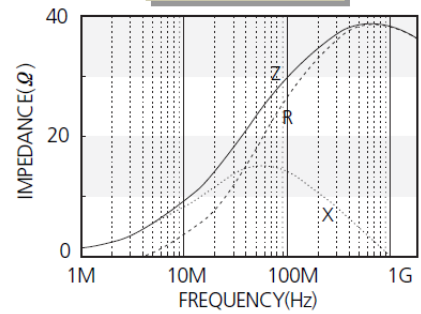
CIC10P080



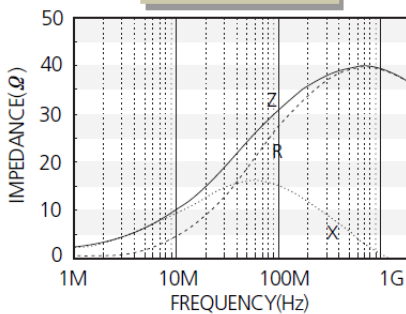
CIC10P220



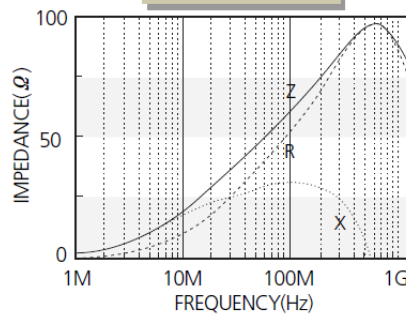
CIC10P300



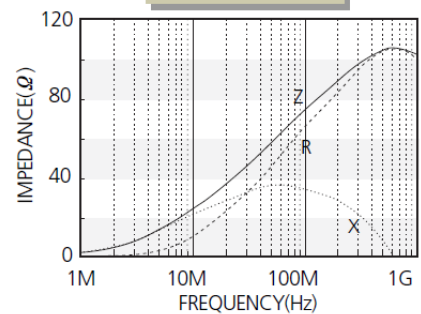
CIC10P330



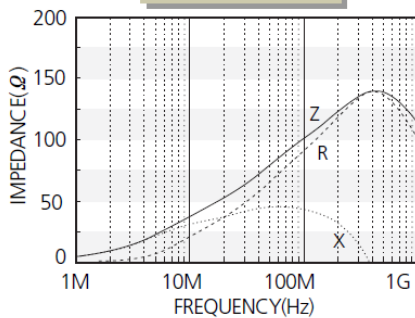
CIC10P600



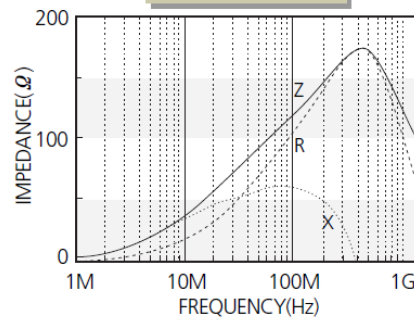
CIC10P800



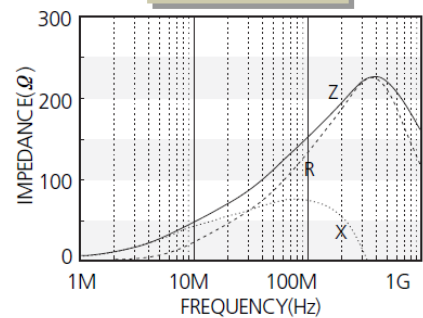
CIC10P101



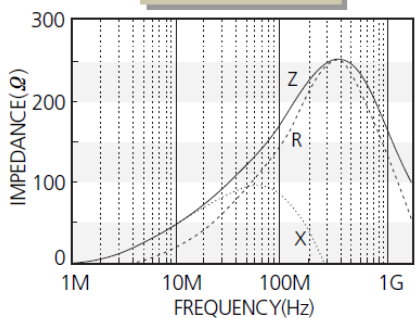
CIC10P121



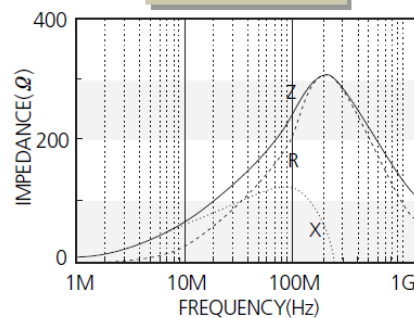
CIC10P151



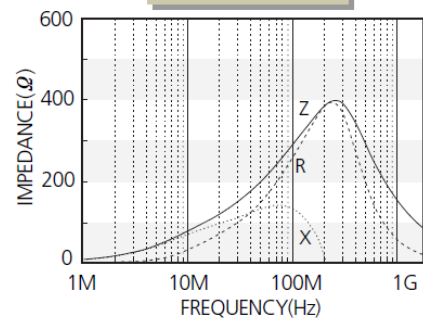
CIC10P181



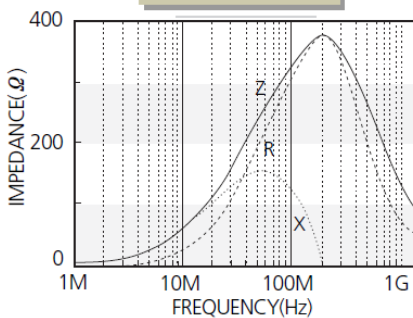
CIC10P221



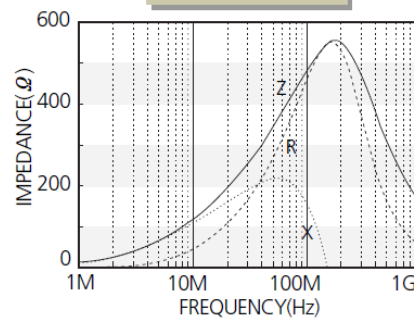
CIC10P301



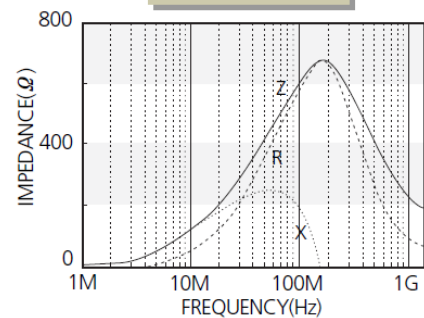
CIC10P331



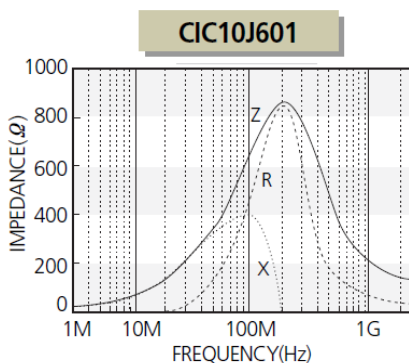
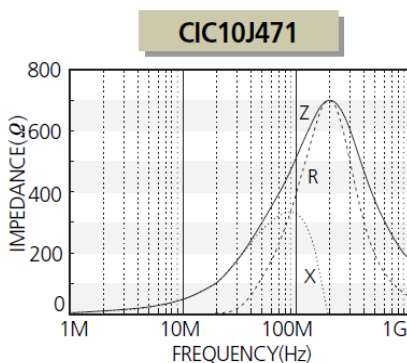
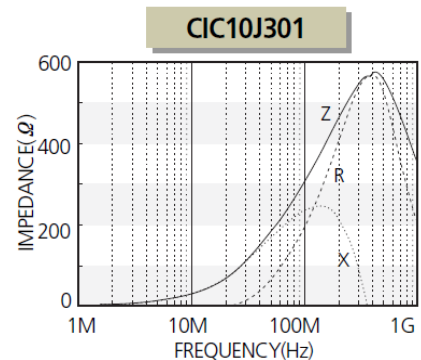
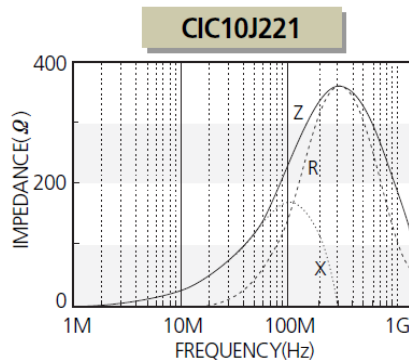
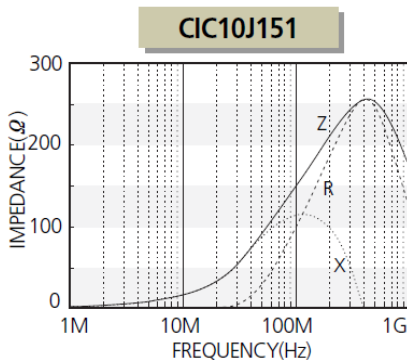
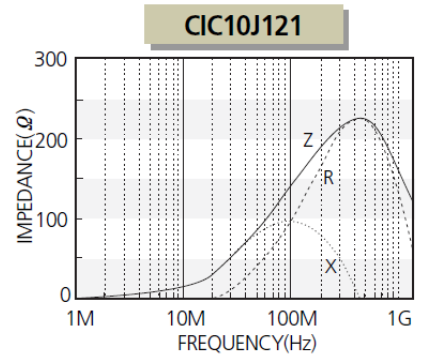
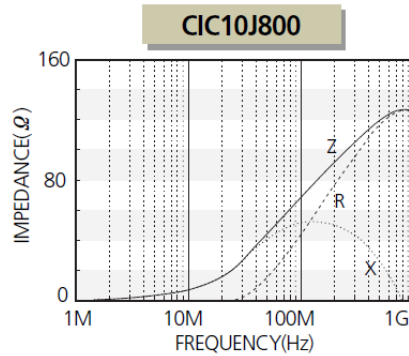
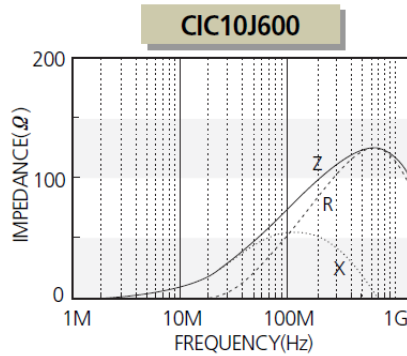
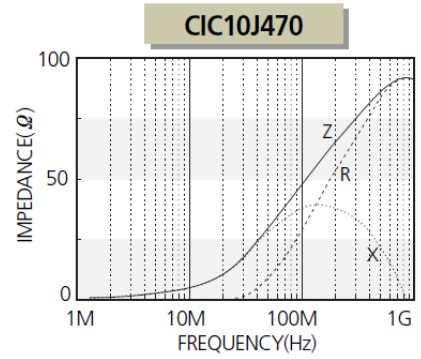
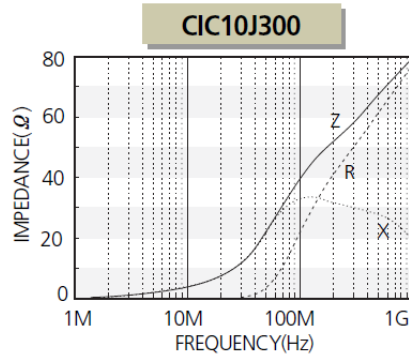
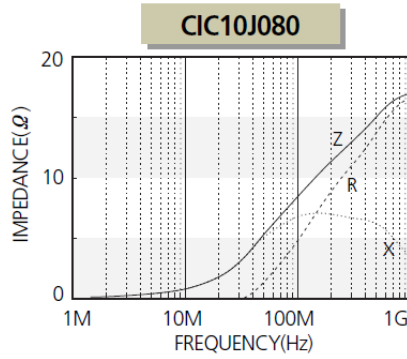
CIC10P471



CIC10P601



CHARACTERISTIC DATA



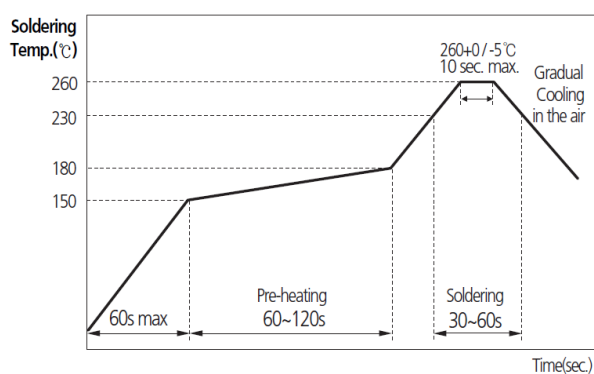
PRODUCT IDENTIFICATION

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

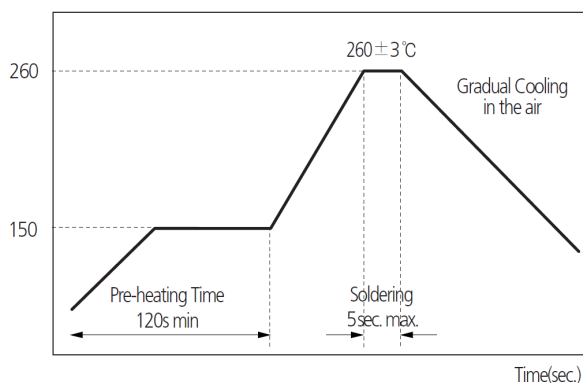
- (1) Chip Beads
(2) For High current(C:~3A)
(3) Dimension
(4) Material Code
(5) Nominal impedance (080:8Ω, 221:220Ω)
(6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
(7) Packaging(C:paper tape, E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

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



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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.