

Chip Bead For High Current

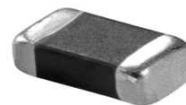
CIC21 Series (2012/ EIA 0805)

APPLICATION

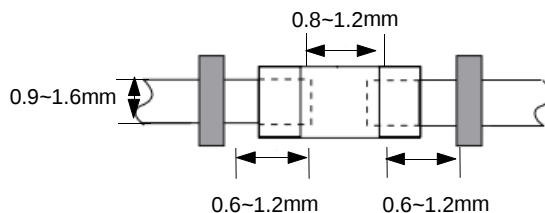
Noise Suppression in power line

FEATURES

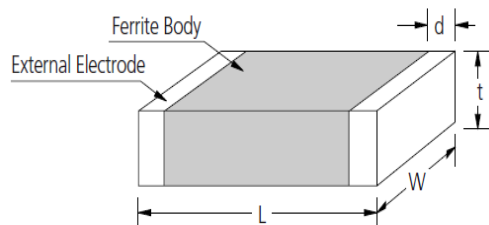
- CIC series is used for high current.)



RECOMMENDED LAND PATTERN



DIMENSION



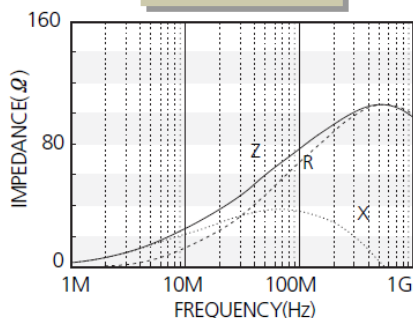
Type	Dimension [mm]			
	L	W	t	d
21	2.0±0.2	1.25±0.2	0.9±0.2	0.5+0.2 -0.3

DESCRIPTION

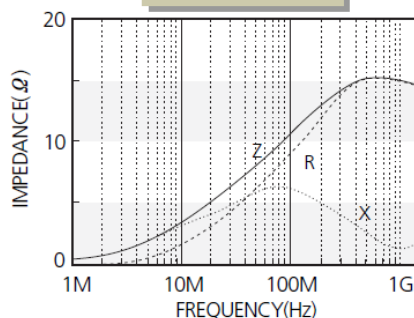
Part no.	Thickness (mm)	Impedance (Ω)±25%@100MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.
CIC21P110	0.90±0.2	11	0.05	6000
CIC21P300	0.90±0.2	30	0.015	3000
CIC21P600	0.90±0.2	60	0.025	3000
CIC21P800	0.90±0.2	80	0.025	2500
CIC21P101	0.90±0.2	100	0.02	2000
CIC21P121	0.90±0.2	120	0.05	2000
CIC21P221	0.90±0.2	220	0.035	3200
CIC21P331	0.85±0.2	330	0.05	2000
CIC21P601	0.90±0.2	600	0.15	1000
CIC21J600	0.90±0.2	60	0.03	3800
CIC21J121	0.90±0.2	120	0.05	2500
CIC21J221	0.90±0.2	220	0.05	1500
CIC21J301	0.90±0.2	300	0.10	1500
CIC21J471	0.90±0.2	470	0.08	1500
CIC21J601	0.90±0.2	600	0.15	1000

CHARACTERISTIC DATA

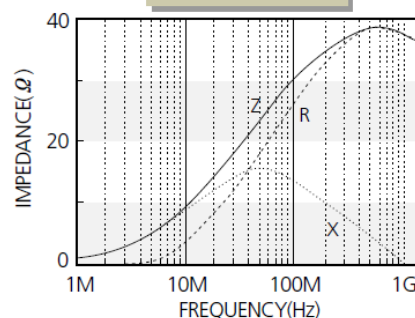
CIC21P800



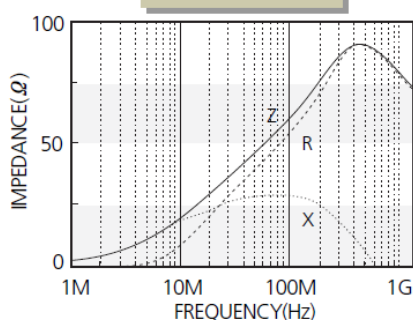
CIC21P110



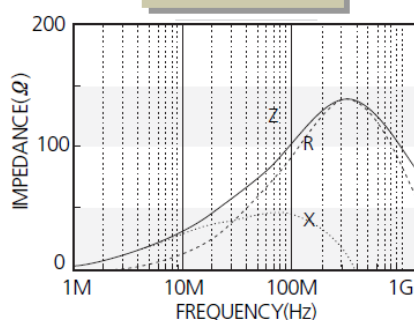
CIC21P300



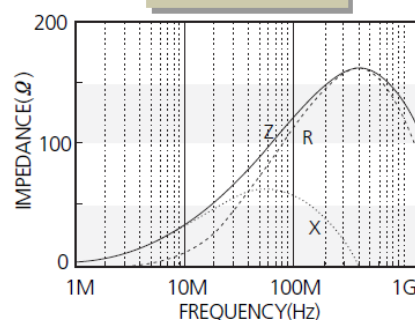
CIC21P600



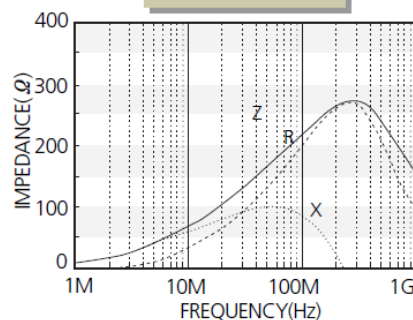
CIC21P101



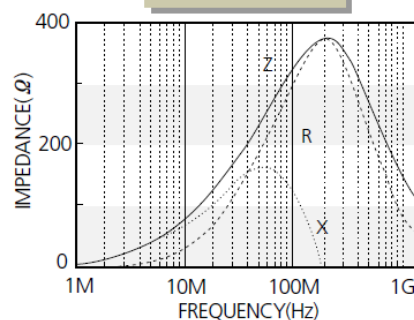
CIC21P121



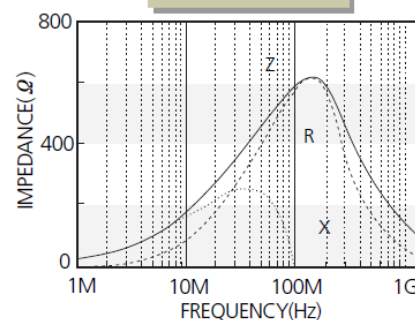
CIC21P221



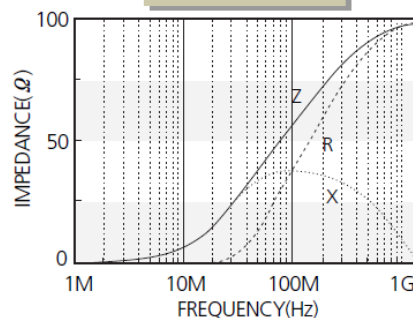
CIC21P331



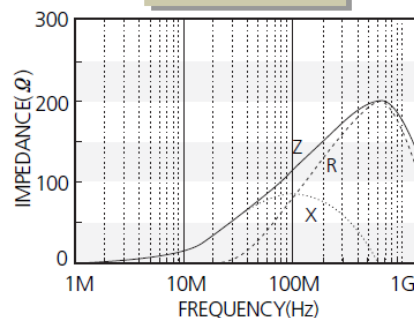
CIC21P601



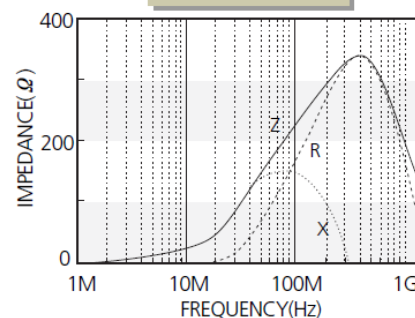
CIC21J600



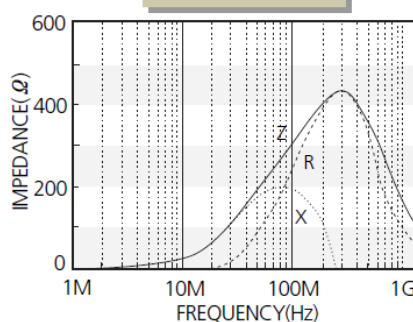
CIC21J121



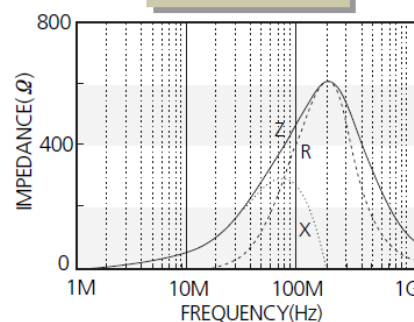
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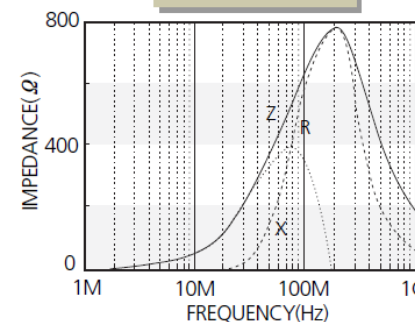
CIC21J301



CIC21J471



CIC21J601



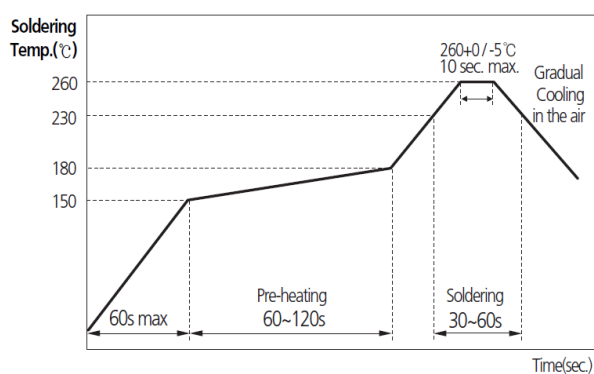
PRODUCT IDENTIFICATION

CI	C	21	P	110	N	E
(1)	(2)	(3)	(4)	(5)	(6)	(7)

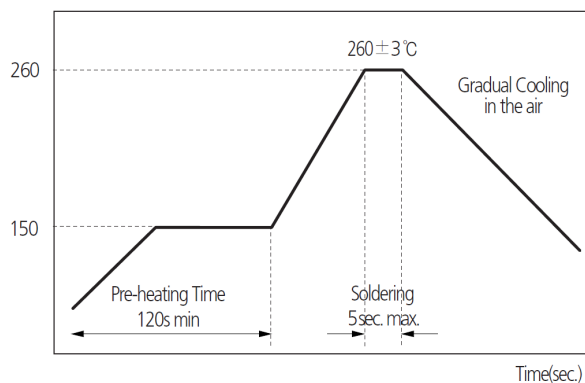
- (1) Chip Beads
 (2) For High current(C:~3A)
 (3) Dimension
 (4) Material Code
 (5) Nominal impedance (110:11Ω, 221:220Ω)
 (6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
 (7) Packaging(C:paper tape, E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

Packaging Style	Quantity(pcs/reel)
Embossed 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.