SAMSUNG ELECTRO-MECHANICS

Ver. 201306

Chip Bead For High Current

CIC21 Series (2012/ EIA 0805)

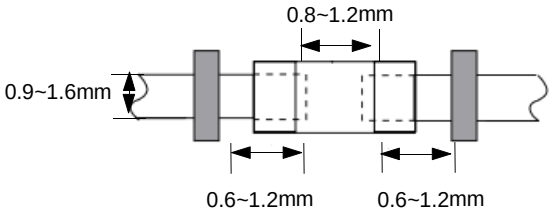
APPLICATION

Noise Suppression in power line

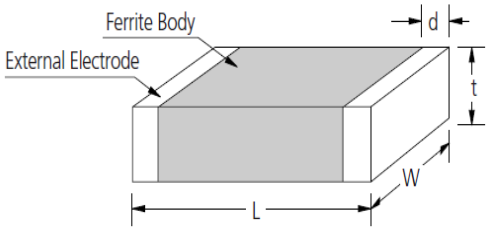
FEATURES

- CIC series is used for high current.)

RECOMMENDED LAND PATTERN



DIMENSION



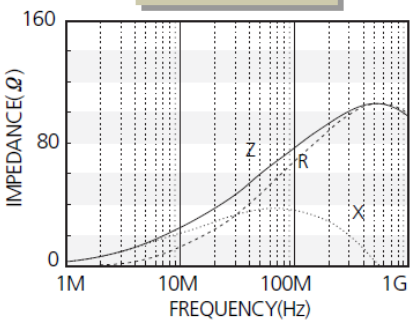
Type	Dimension [mm]			
	L	W	t	d
21	2.0±0.2	1.25±0.2	0.9±0.2	0.5+0.2 -0.3

DESCRIPTION

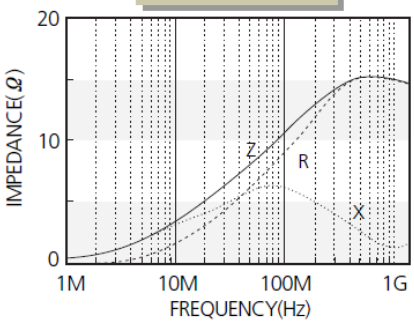
Part no.	Thickness (mm)	Impedance (Ω)±25%@100MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.
CIC21P110	0.90±0.2	11	0.05	6000
CIC21P300	0.90±0.2	30	0.015	3000
CIC21P600	0.90±0.2	60	0.025	3000
CIC21P800	0.90±0.2	80	0.025	2500
CIC21P101	0.90±0.2	100	0.02	2000
CIC21P121	0.90±0.2	120	0.05	2000
CIC21P221	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

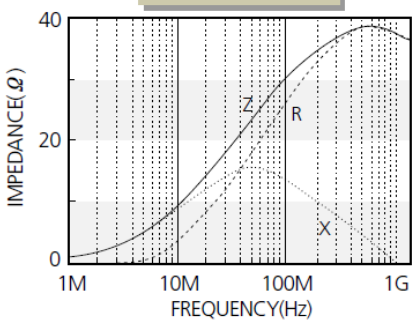
CIC21P800



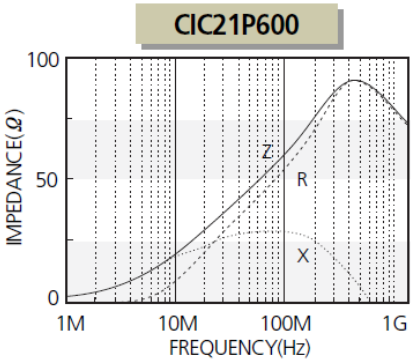
CIC21P110



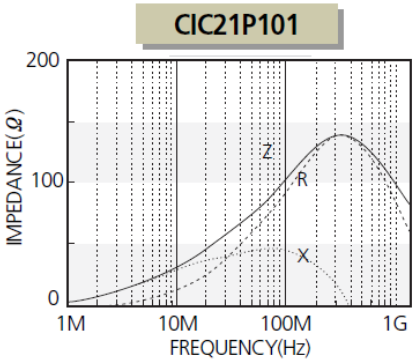
CIC21P300



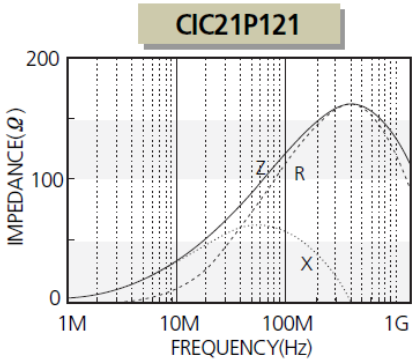
CIC21P600



CIC21P101



CIC21P121



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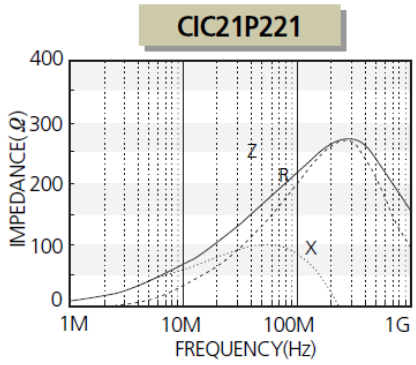
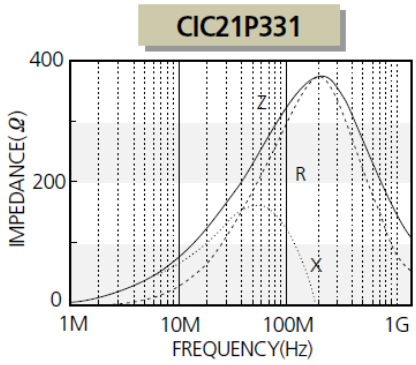


CIC21P331



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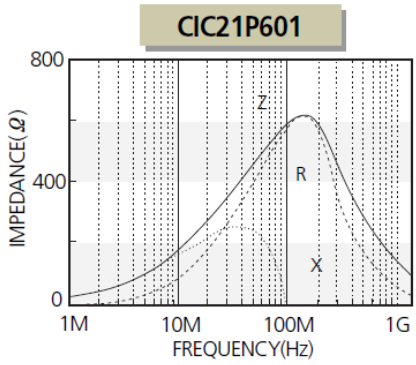
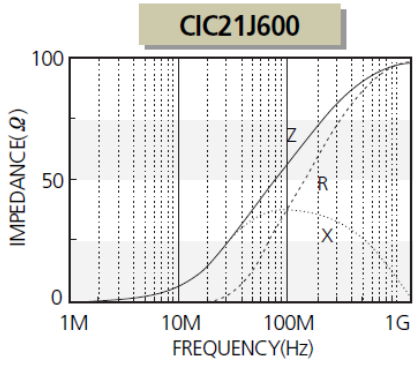


CIC21J600



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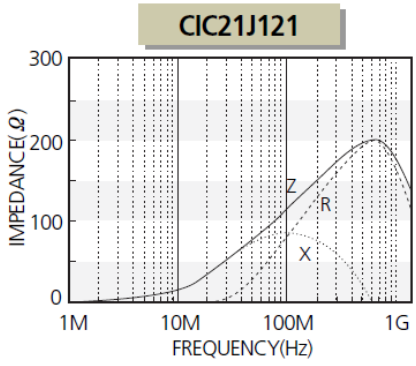

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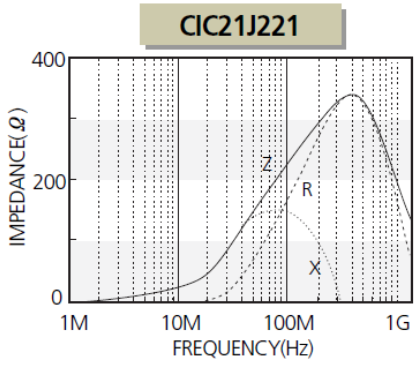
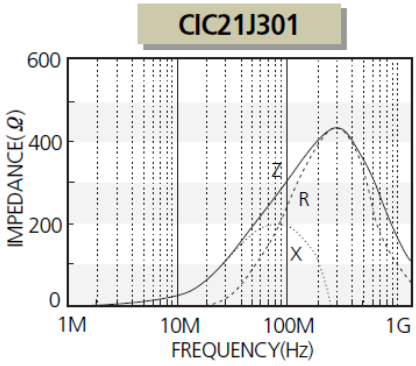
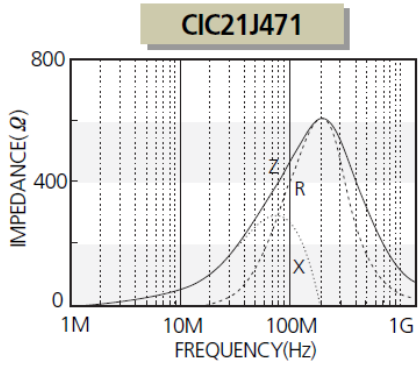


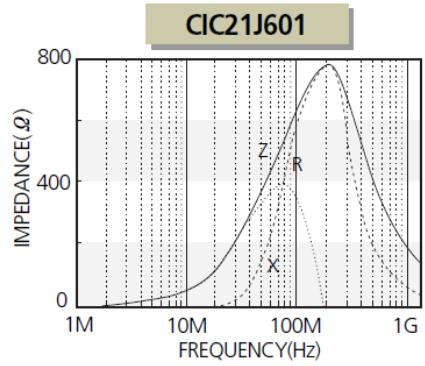
CIC21J301



CIC21J471



CIC21J601



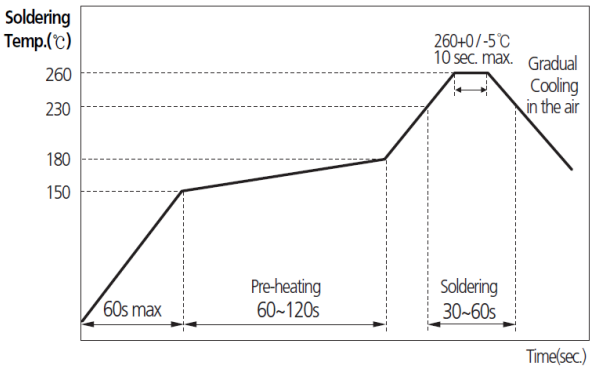
PRODUCT IDENTIFICATION

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

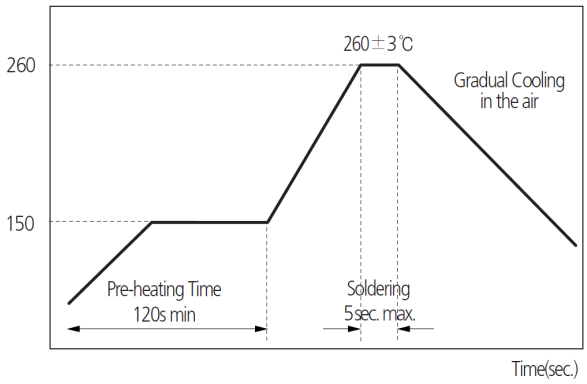
(1) Chip Beads
(2) For High current(C:~3A)
(3) Dimension
(4) Material Code
(5) Nominal impedance (110:11Ω, 221:220Ω)
(6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
(7) Packaging(C:paper tape, E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

Packaging Style	Quantity(pcs/reel)
Embossed Taping	4000