

# Chip Bead For High Current

## CIC31 Series (3216/ EIA 1206)



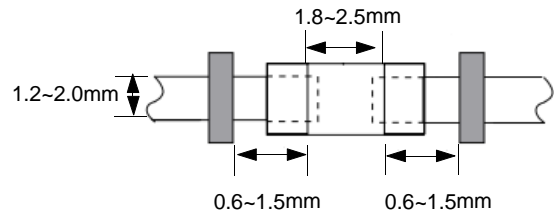
### APPLICATION

Noise Suppression in power line

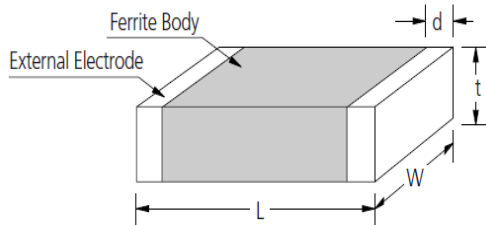
### FEATURES

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

### RECOMMENDED LAND PATTERN



### DIMENSION



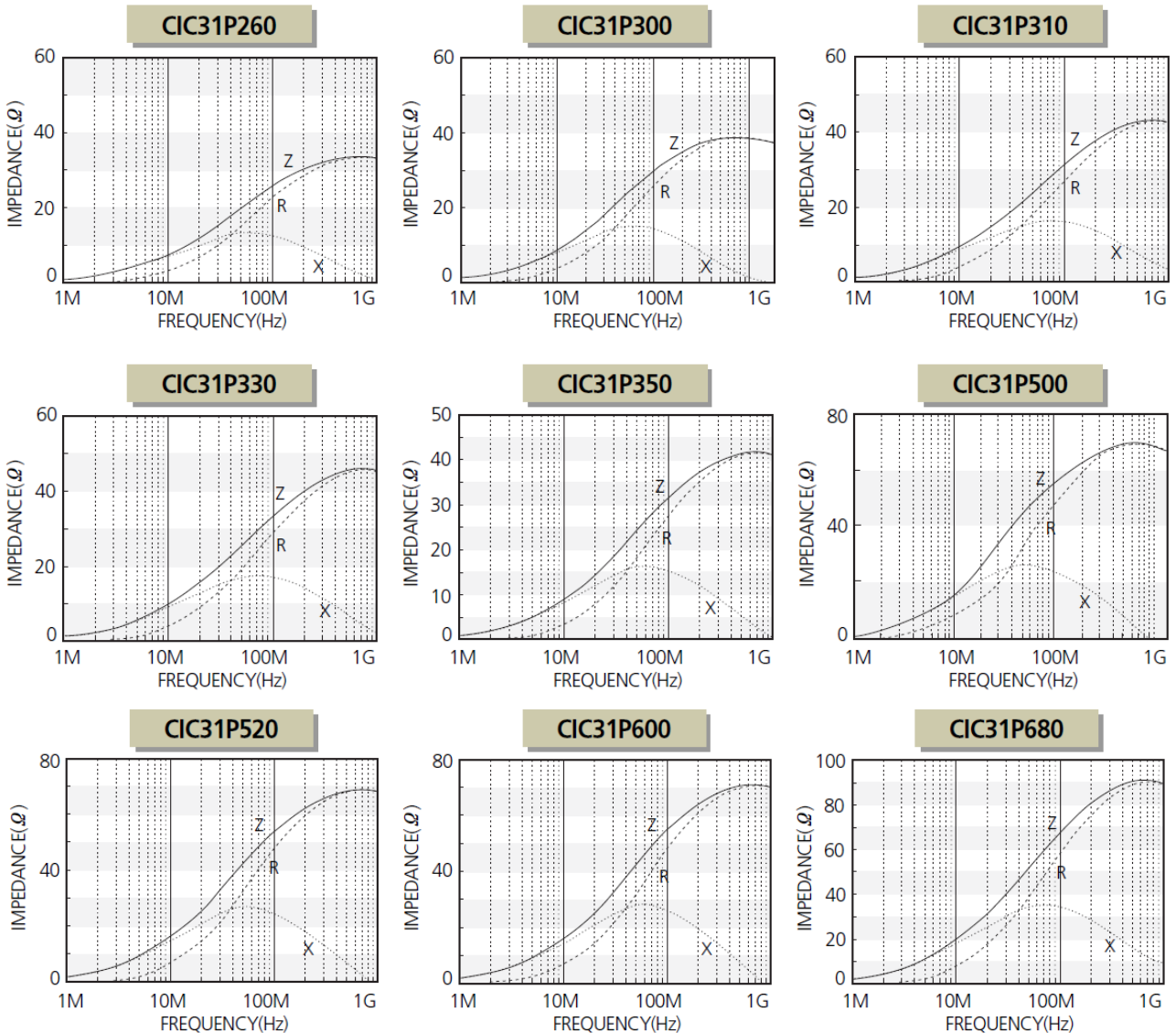
Type	Dimension [mm]			
	L	W	t	d
31	3.2±0.2	1.6±0.2	1.1±0.2	0.5+0.2 -0.3

### DESCRIPTION

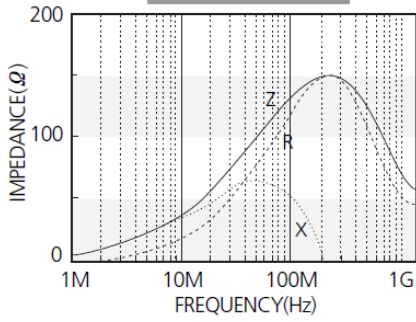
Part no.	Thickness (mm)	Impedance (Ω)±25%@100MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.
CIC31P260	1.1±0.2	26	0.01	6000
CIC31P300	1.1±0.2	30	0.01	6000
CIC31P310	1.1±0.2	31	0.01	6000
CIC31P330	1.1±0.2	33	0.01	6000
CIC31P350	1.1±0.2	35	0.025	3000
CIC31P500	1.1±0.2	50	0.025	3000
CIC31P520	1.1±0.2	52	0.025	3000
CIC31P600	1.1±0.2	60	0.025	3000
CIC31P680	1.1±0.2	68	0.025	3000
CIC31P700	1.1±0.2	70	0.025	3000
CIC31P800	1.1±0.2	80	0.025	3000
CIC31P900	1.1±0.2	90	0.025	2000
CIC31P121	1.1±0.2	120	0.025	2000
CIC31P151	1.1±0.2	150	0.05	2000
CIC31P221	1.1±0.2	220	0.05	2000
CIC31P301	1.1±0.2	300	0.05	2000
CIC31P391	1.1±0.2	390	0.05	2000
CIC31P471	1.1±0.2	470	0.07	1500

Part no.	Thickness (mm)	Impedance ( $\Omega$ ) $\pm$ 25%@100MHz	DC Resistance ( $\Omega$ ) Max.	Rated Current (mA) Max.
CIC31P601	1.1 $\pm$ 0.2	600	0.07	1500
CIC31J300	1.1 $\pm$ 0.2	30	0.02	4000
CIC31J500	1.1 $\pm$ 0.2	50	0.02	4000
CIC31J680	1.1 $\pm$ 0.2	68	0.02	4000
CIC31J800	1.1 $\pm$ 0.2	80	0.02	4000
CIC31J900	1.1 $\pm$ 0.2	90	0.02	4000
CIC31J121	1.1 $\pm$ 0.2	120	0.03	4000
CIC31J151	1.1 $\pm$ 0.2	150	0.03	3000
CIC31J241	1.1 $\pm$ 0.2	240	0.05	3000
CIC31J301	1.1 $\pm$ 0.2	300	0.05	3000
CIC31J471	1.1 $\pm$ 0.2	470	0.05	3000
CIC31J501	1.1 $\pm$ 0.2	500	0.05	3000
CIC31J601	1.1 $\pm$ 0.2	600	0.05	2500

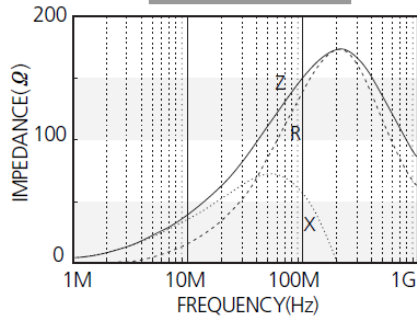
**CHARACTERISTIC DATA**



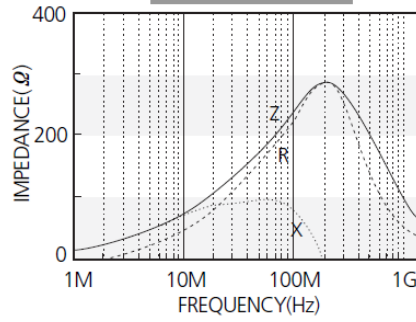
**CIC31P121**



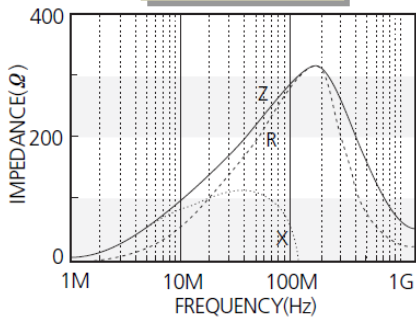
**CIC31P151**



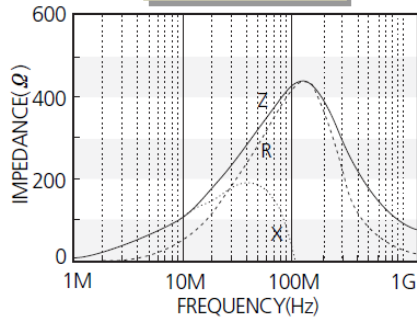
**CIC31P221**



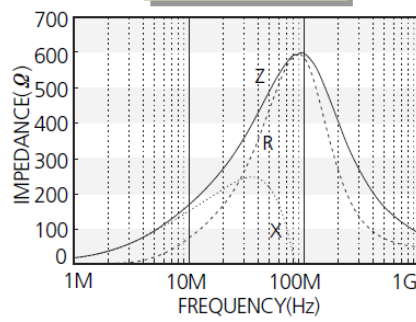
**CIC31P301**



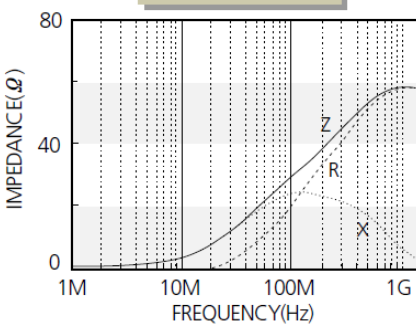
**CIC31P471**



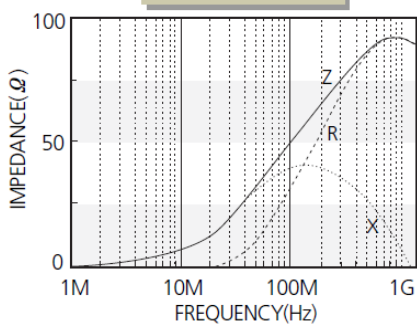
**CIC31P601**



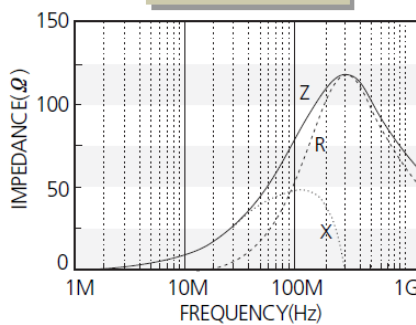
**CIC31J300**



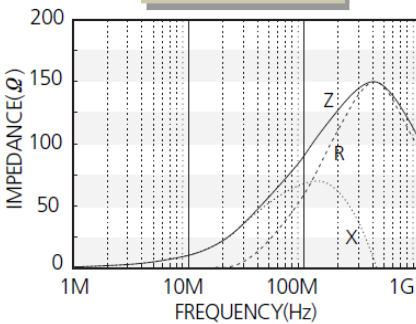
**CIC31J500**



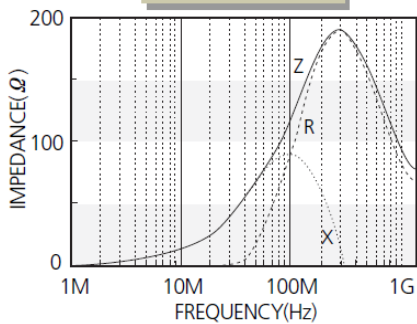
**CIC31J800**



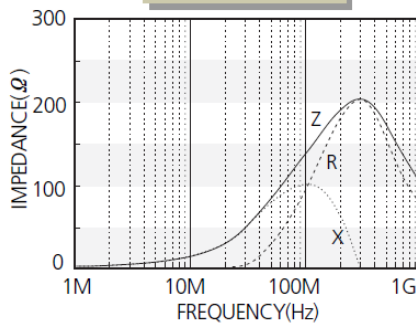
**CIC31J900**



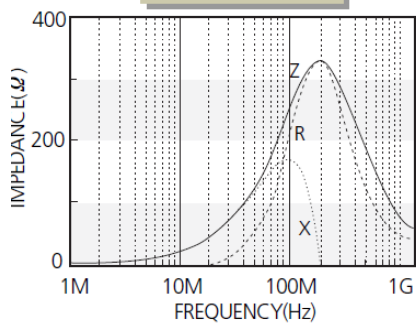
**CIC31J121**



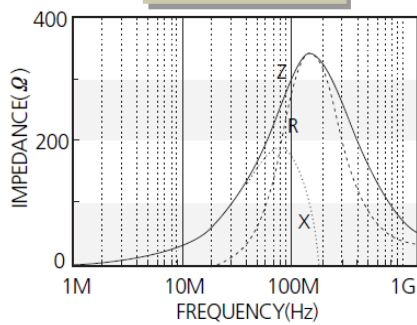
**CIC31J151**



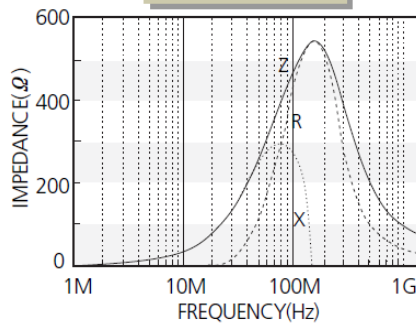
**CIC31J241**

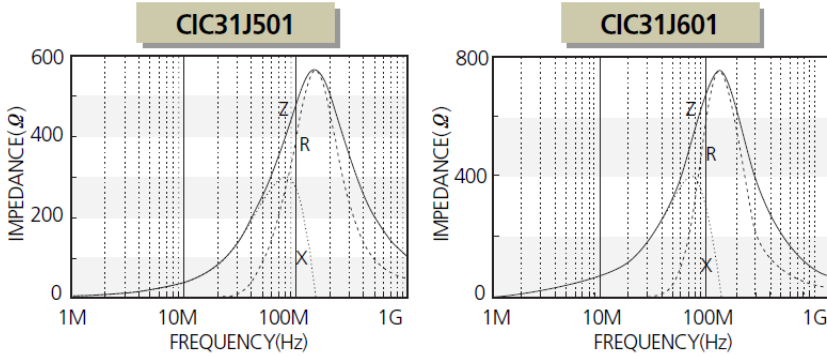


**CIC31J301**



**CIC31J471**





**PRODUCT IDENTIFICATION**

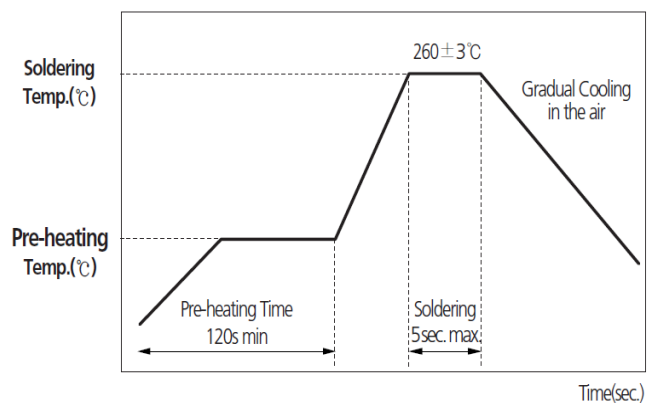
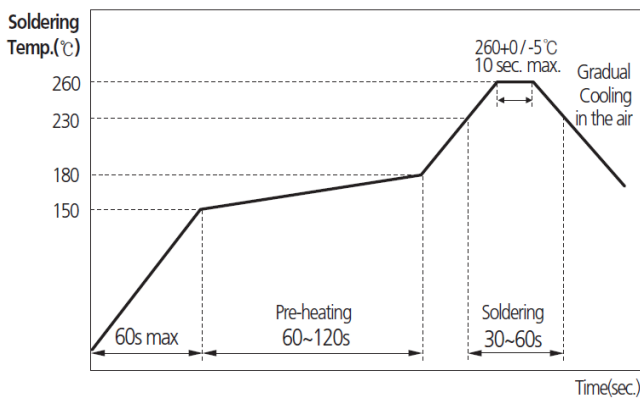
**CI C 31 P 300 N E**  
**(1) (2) (3) (4) (5) (6) (7)**

- (1) Chip Beads
- (2) For High current(C:~3A)
- (3) Dimension
- (4) Material Code
- (5) Nominal impedance (300:30Ω, 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	3,000

■ NOTICE :All specifications are subject to change without previous notice. Please contact with product representatives or engineers to check specifications.