

Chip Bead For High Current

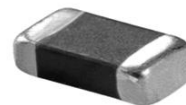
CIC05Y Series (1005/ EIA 0402)

APPLICATION

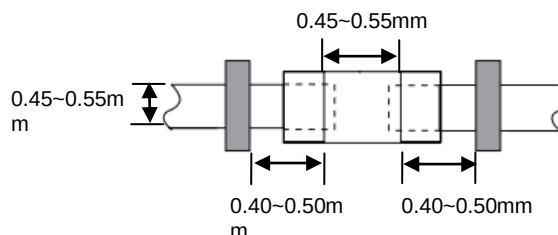
Noise Suppression in power line

FEATURES

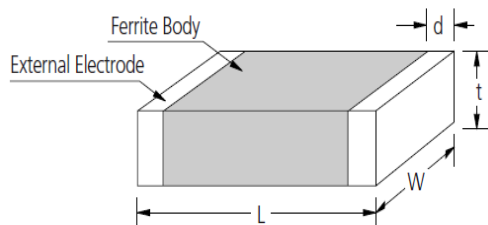
- CIC series is used for high current. (~ 3A)
- this type is the best for energy-saving in the low DC resistance



RECOMMENDED LAND PATTERN



DIMENSION

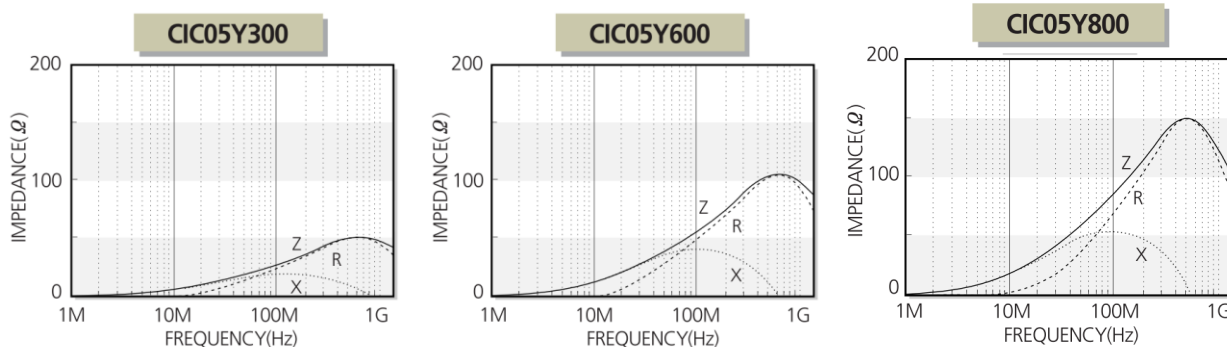


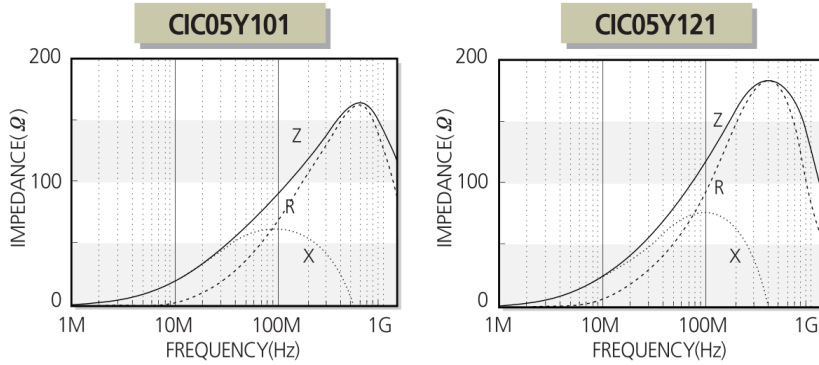
Type	Dimension [mm]			
	L	W	t	d
05	1.0±0.05	0.5±0.05	0.5±0.05	0.25±0.1

DESCRIPTION

Part no.	Thickness (mm)	Impedance (Ω) ±25%@100MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.
CIC05Y100	0.5±0.05	10	0.035	2200
CIC05Y300	0.5±0.05	30	0.035	2200
CIC05Y600	0.5±0.05	60	0.06	1700
CIC05Y800	0.5±0.05	80	0.07	1500
CIC05Y101	0.5±0.05	100	0.07	1500
CIC05Y121	0.5±0.05	120	0.09	1500

CHARACTERISTIC DATA





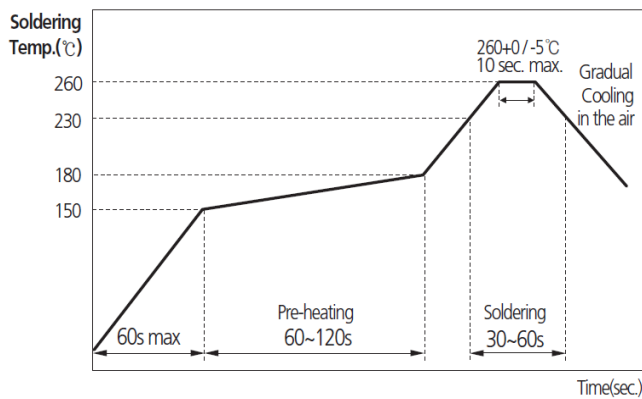
PRODUCT IDENTIFICATION

CI C 05 Y 300 N C
(1) (2) (3) (4) (5) (6) (7)

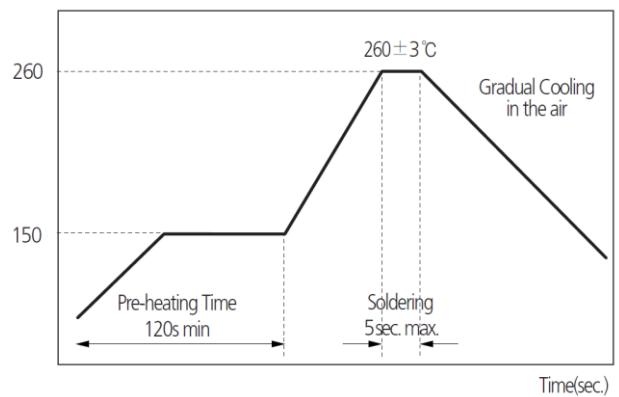
- (1) Chip Beads
- (2) For High current(C:~3A)
- (3) Dimension
- (4) Material Code
- (5) Nominal impedance (300:30Ω , 121:120Ω)
- (6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
- (7) Packaging(C:paper tape(7"), D:Paper tape(13"), E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

Packaging Style	Quantity(pcs/reel)
Card Board Taping (7")	10,000
Card Board Taping (13")	40,000

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.