SAMSUNG ELECTRO-MECHANICS

Ver 201306

Chip Bead For High Current

CIS Series

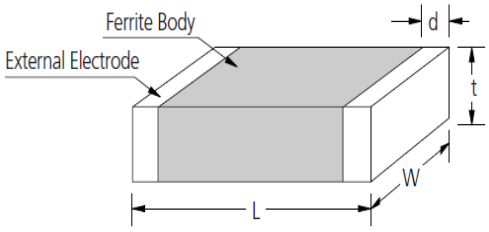
APPLICATION

Noise Suppression in power line

FEATURES

- CIS series is used for high current. (~ 6A)

DIMENSION

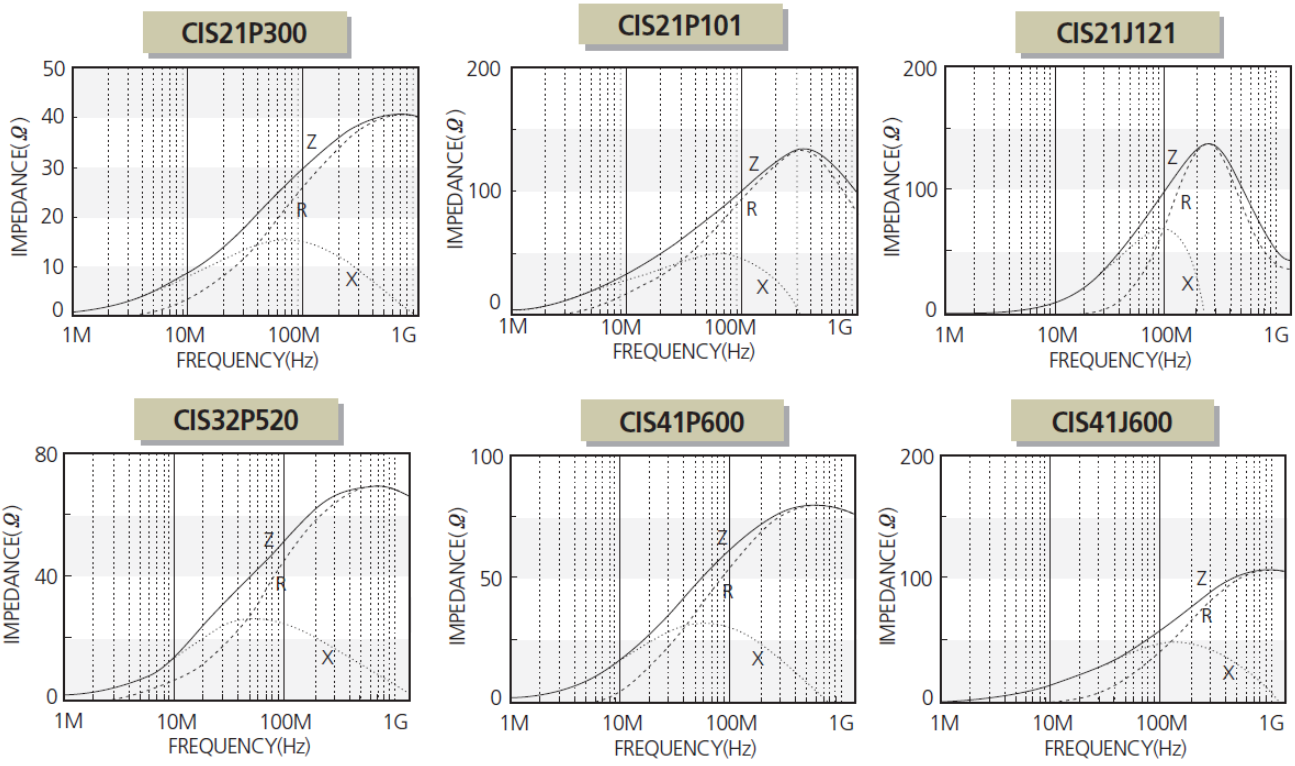


Type	Dimension [mm]			
	L	W	t	d
21	2.0±0.2	1.25±0.2	0.9±0.2	0.5+0.2 -0.3
32	3.2±0.2	2.5±0.2	1.3±0.2	0.5±0.3
41	4.5±0.2	1.6±0.2	N:1.6±0.2 A:1.2±0.2	0.5±0.3

DESCRIPTION

Part no.	Thickness (mm)	Impedance (Ω)±25%@100MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.
CIS21P300	0.9±0.2	30	0.01	6000
CIS21P101	0.9±0.2	100	0.02	4000
CIS21J121	0.9±0.2	120	0.02	5000
CIS32P520	1.3±0.2	52	0.01	6000
CIS41P600	1.6±0.2/1.2±0.2	60	0.01	6000
CIS41J600	1.6±0.2/1.2±0.2	60	0.01	6000

CHARACTERISTIC DATA



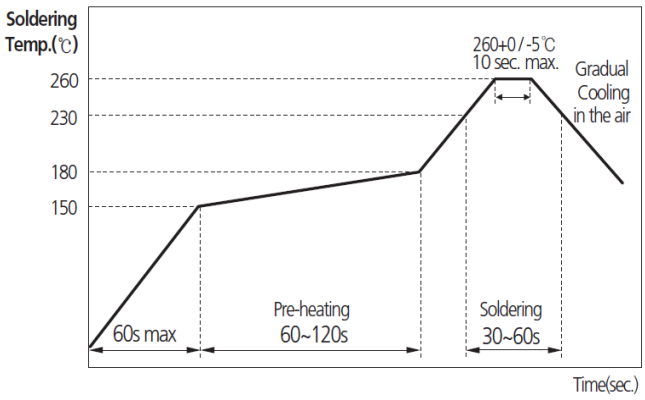
PRODUCT IDENTIFICATION

CI	S	21	P	300	N	E
(1)	(2)	(3)	(4)	(5)	(6)	(7)

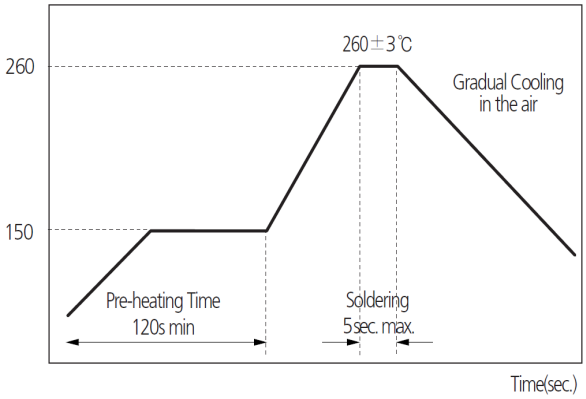
(1) Chip Beads
(2) For High current(S:~6A)
(3) Dimension
(4) Material Code
(5) Nominal impedance (300:30Ω, 221:220Ω)
(6) Thickness option(N:Standard, A:Thinner than standard, B:Thicker than standard)
(7) Packaging(C:paper tape, E:embossed tape)

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

Type	Packaging Style	Quantity(pcs/reel)
21	Embossed Taping	4,000
32	Embossed Taping	2,500
41	Embossed Taping	2,000