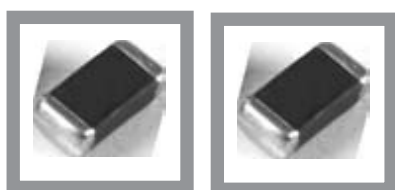




HCB series

FEATURES

1. Closed magnetic circuit structure allows high density mounting while preventing crosstalk.
2. Extremely high reliability due to entirely monolithic construction.
3. Low DC resistance structure of electrode to prevent wasteful electric power consumption.
4. High Current rating up to 3A.
5. The products contain no lead and also support lead-free soldering.

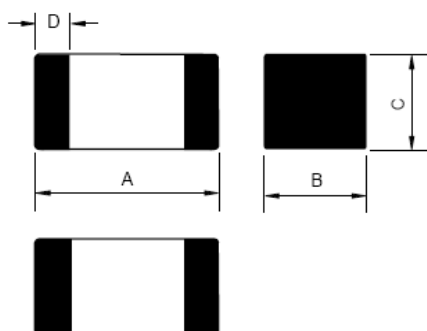


APPLICATIONS

1. Personal computers, communication equipment, digital telephone, electronic games machines, CRTs, hard disk drives, cellular phones, PDAs, printers and other computer peripheral products.
2. Suitable for I/O ports, DC power lines and signal lines, and general circuits with unstable ground.

PARTNUMBER

DIMENSIONS



Size	A(mm)	B(mm)	C(mm)	D(mm)
1608	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
2012	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3

HCB	2012	K	121	T	30	F	V
A	B	C	D	E	F	G	H

A : Series
 B : Dimension A x B
 C : Material
 D : Impedance 121=120Ω
 E : Packaging T=Taping and Reel
 B=Bulk(Bags)
 F : Rated Current 30=3000mA
 G : Lead Free Code
 H : ID Code

HCB 1608

BW Part Number	Impedance (Ω)	Test Frequency (MHz)	DCR (Ω) max.	Rated Current (mA) max.
HCB1608K300T30	30 $\pm$ 25%	100	0.04	3000
HCB1608K800T30	80 $\pm$ 25%	100	0.04	3000
HCB1608K121T20	120 $\pm$ 25%	100	0.10	2000
HCB1608K151T20	150 $\pm$ 25%	100	0.10	2000
HCB1608K221T20	220 $\pm$ 25%	100	0.10	2000
HCB1608K301T10	300 $\pm$ 25%	100	0.20	1000
HCB1608K471T10	470 $\pm$ 25%	100	0.20	1000
HCB1608K601T10	600 $\pm$ 25%	100	0.20	1000

HCB 2012

BW Part Number	Impedance (Ω)	Test Frequency (MHz)	DCR (Ω) max.	Rated Current (mA) max.
HCB2012K300T30	30 $\pm$ 25%	100	0.04	3000
HCB2012K800T30	80 $\pm$ 25%	100	0.04	3000
HCB2012K121T20	120 $\pm$ 25%	100	0.10	2000
HCB2012K151T20	150 $\pm$ 25%	100	0.10	2000
HCB2012K221T20	220 $\pm$ 25%	100	0.10	2000
HCB2012K301T10	300 $\pm$ 25%	100	0.20	1000
HCB2012K471T10	470 $\pm$ 25%	100	0.20	1000
HCB2012K601T10	600 $\pm$ 25%	100	0.20	1000