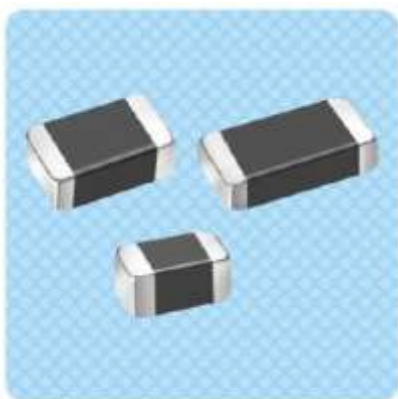


HB Series Chip Ferrite Wide Band Beads



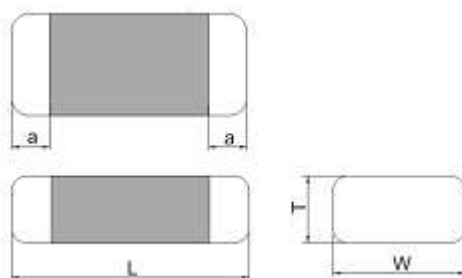
FEATURES

- Suitable for high density installations due to SMD structures.
- Excellent control EMI performance at high frequency ($\geq 1\text{GHZ}$).
- Applies to high-speed circuits.

APPLICATIONS

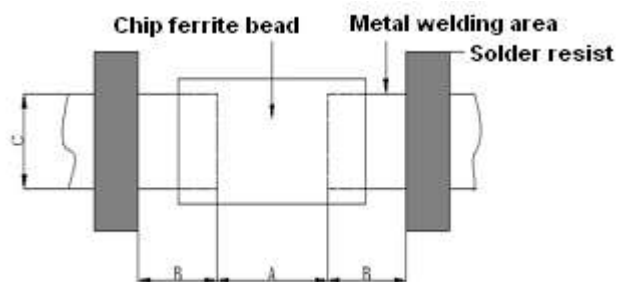
- Widely used in high frequency noise suppression of intekkigent broadband, automotive electronic communication equipment, consumer electronics, office automation and other electronic equipment.

SHAPE AND DIMENSIONS



Part Number	Dimensions (mm)			
	L	W	T	a
HB1005	1.0 ± 0.15	0.5 ± 0.15	0.5 ± 0.15	0.25 ± 0.1
HB1608	1.6 ± 0.15	0.8 ± 0.15	0.8 ± 0.15	0.3 ± 0.2

RECOMMENDED PC BOARD PATTERN



Part Number	Dimensions (mm)		
	A	B	C
HB1005	0.35	0.6	0.6
HB1608	0.6	1.0	0.8

PRODUCT IDENTIFICATION

HB 1608 - 601 T (f)

① ② ③ ④ ⑤

- ① Series name
- ② Dimensions L×W
1608: 1.6mm of length, 0.8mm of width.
- ③ Nominal impedance
600: 60Ω ; 601: 600Ω ; 102: 1000Ω .
- ④ Package: B:by bulk T: Tape and Reel
- ⑤ Pb Free

SPECIFICATIONS

● HB1005 TYPE

Part Number	Impedance Z (Ω)		Max.DC Resistance (Ω)	Max. Rated Current (mA)	Thickness of product(mm)
	100MHz	1GHz _{min}			
HB1005-181	180±25%	400	1.00	100	0.5±0.15
HB1005-301	300±25%	600	1.10	100	
HB1005-471	470±25%	900	1.30	100	
HB1005-601	600±25%	1100	0.85	300	
HB1005-102	1000±25%	1200	1.25	250	



Specifications subject to change without notice. Please check our website for latest information.

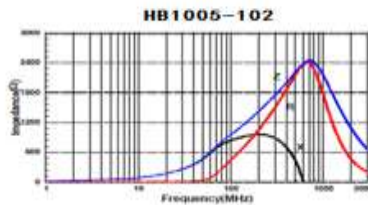
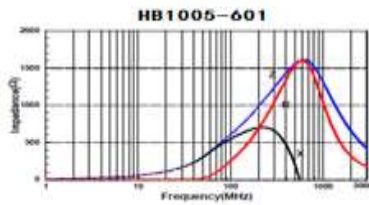
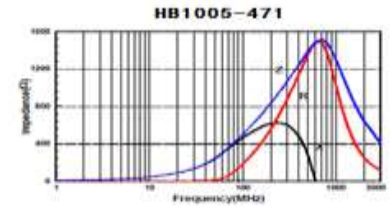
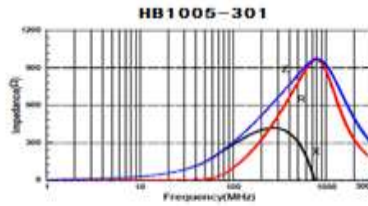
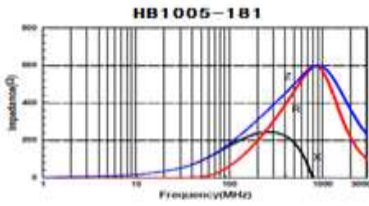
Tel: 0086-769-85016657 Fax: 0086-769-85016658 E-Mail: sales@ZXcompo.com www.zxcompo.com

● HB1608 Series

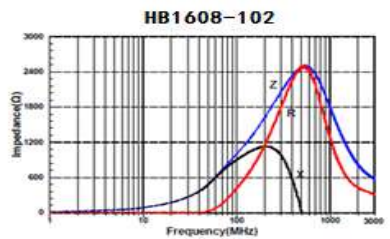
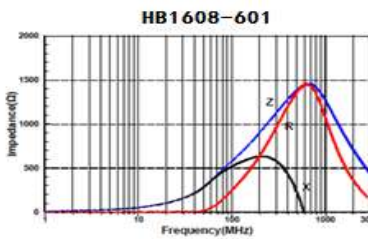
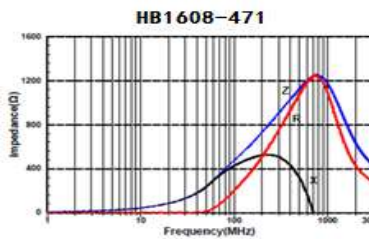
Part Number	Impedance Z (Ω)		Max.DC Resistance (Ω)	Max. Rated Current (mA)	Thickness of product(mm)
	100MHz	1GHz _{min}			
HB1608-471	470±25%	700	1.20	100	0.8±0.15
HB1608-601	600±25%	850	1.50	100	
HB1608-102	1000±25%	1100	1.80	50	

DETAIL ELECTRICAL CHARACTERISTICS

● HB1005



● HB1608



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