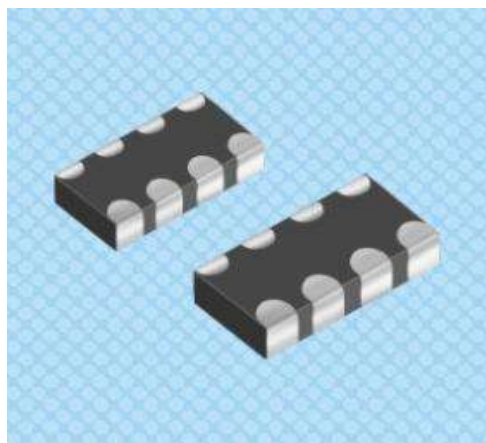


CBA Series Ferrite Chip Bead Arrays



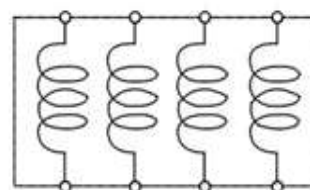
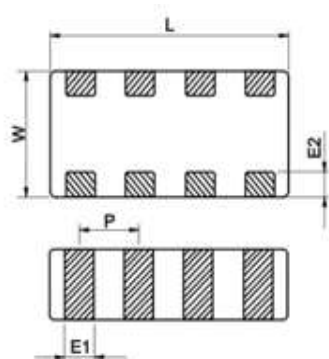
FEATURES

- Combine beads with same dimension into one, suitable for SMT with higher density and efficiency.
- Super impedance frequency within relatively wide range of frequency, providing excellent suppression to all kinds of noises.
- Monolithic designing, minimizing disturbance from magnetic shield and circuit nearby
- Used in reflow or wave soldering

APPLICATIONS

- Widely used in HDTV, computer I/O wire, peripheral wire of LCD, printer, facsimile and So on

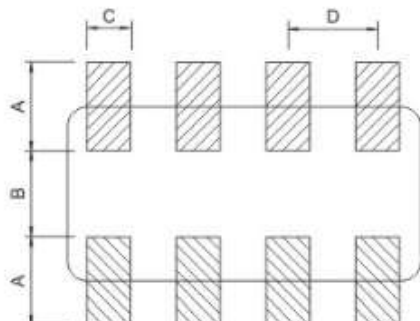
SHAPE AND DIMENSIONS



等效电路

Part Number	Dimensions (mm)					
	L	W	T	E1	E2	P
CBA2010	2.0 ± 0.15	1.0 ± 0.15	0.5 ± 0.15	0.25 ± 0.15	0.25 ± 0.15	0.50 ± 0.10
CBA3216	3.20 ± 0.20	1.6 ± 0.20	0.80 ± 0.20	0.40 ± 0.20	0.30 ± 0.20	0.80 ± 0.20

RECOMMENDED PC BOARD PATTERN



Part Number	Dimensions (mm)			
	A	B	C	D
CBA2010	0.5-0.6	0.5-0.6	0.2-0.3	0.5
CBA3216	0.7-0.9	0.8-1.0	0.4-0.5	0.8

PRODUCT IDENTIFICATION

CBA 3216 4 G -121 (f)

① ② ③ ④ ⑤ ⑥

- ① Series name
- ② Dimensions L×W
3216: 3.2mm of length, 1.6mm of width.
- ③ Circuit Num
4: 4 circuit.
- ④ Material Code
- ⑤ Nominal impedance
121: 120Ω; 102: 1000Ω.
- ⑥ Package: B:by bulk T: Tape and Reel

SPECIFICATIONS

● CBA20104S TYPE

Part Number	Impedance Z (Ω)	Impedance Test Frequency (MHz)	Max.DC Resistance (Ω)	Max. Rated Current (mA)	Thickness of product(mm)
CBA20104S-330	$33 \pm 25\%$	100/0.05	0.30	30	0.5 ± 0.10
CBA20104S-470	$47 \pm 25\%$		0.40	30	
CBA20104S-680	$68 \pm 25\%$		0.50	20	



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

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CBA20104S-330	120±25%	100/0.05	0.70	20	
CBA20104S-330	75±25%		0.90	100	
CBA20104S-121	120±25%		0.20	65	
CBA20104S-241	240±25%		0.30	65	
CBA20104S-331	330±25%		0.45	50	
CBA20104S-471	470±25%		0.55	50	
CBA20104S-601	600±25%		0.70	50	
CBA20104S-102	1000±25%		0.80	30	

● CBA32164S Series

Part Number	Impedance Z (Ω)	Impedance Test Frequency (MHz)	Max.DC Resistance (Ω)	Max. Rated Current (mA)	Thickness of product(mm)
CBA32164S-330	33±25%	100/0.05	0.15	200	0.8±0.15
CBA32164S-600	60±25%		0.35	150	
CBA32164S-900	90±25%		0.40	130	
CBA32164S-121	120±25%		0.45	100	0.8±0.15
CBA32164S-241	240±25%		0.60	100	
CBA32164S-301	300±25%		0.80	70	
CBA32164G-600	60±25%		0.15	200	
CBA32164G-900	90±25%		0.20	200	
CBA32164G-121	120±25%		0.25	100	
CBA32164G-151	150±25%		0.30	100	
CBA32164G-221	220±25%		0.35	100	
CBA32164G-331	330±25%		0.45	100	
CBA32164G-471	470±25%		0.45	70	
CBA32164G-601	600±25%		0.50	70	
CBA32164G-102	1000±25%		0.60	40	

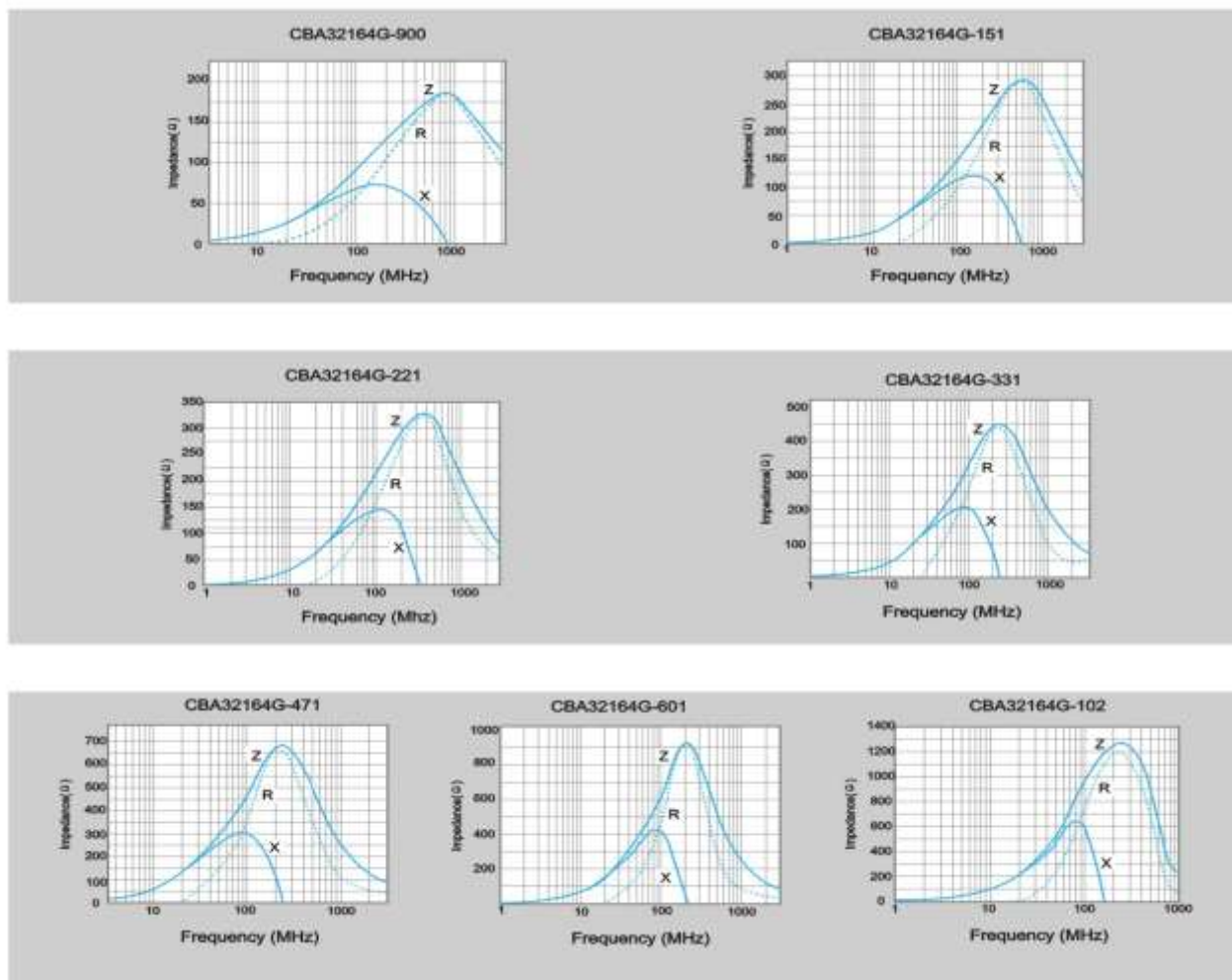


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DETAIL ELECTRICAL CHARACTERISTICS

● CBA4G



● CBA4S



备注: CBA4G系列相当于TDK的MZA系列中的B类, 用于高速信号线滤波;
CBA4S系列相当于TDK的MZA系列中的C类, 用于高速信号线滤波;