

# SPECIFICATION OF CB4A-H SERIES

## FEATURES

1. Availing in a wide range of impedance values and providing excellent EMI suppression characteristics for various types of noise.
2. Availing in 4 lines by a single smallest SMT chips, it can very usefully adopted in high density circuit designs. specially ultra low profile only 0.5mm for thinner designed product.
3. Heat generation and crosstalk between adjacent circuits is minimized.
4. Excellent solderability.



## APPLICATIONS

1. Waveform correction in personal computers, electric equipments, communication equipments, OA equipments, and provides radiated noise countermeasures in interfaces and harness connecting parts. Best replacement of mini resistor array.
2. Prevents noise intrusion in videos, LCD, camera & smart phone, Pad, module, etc.
3. Parallel signal line.

## ORDERING CODE

CB4A - 3216H - 101 T  
 (1) (2) (3) (4)

### (1) PRODUCT TYPE CODE

CB4 : Ferrite Chip Bead Array 4 Elements  
 A : RoHS Code

### (2) DIMENSIONS

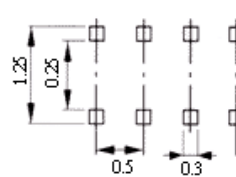
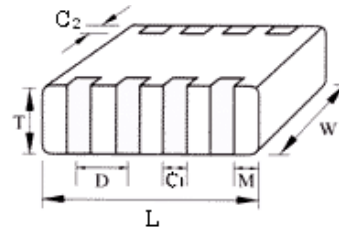
The first two digits : Length(mm)  
 The second two digits : Width(mm)  
 The last two digits : Thickness(mm)

### (3) IMPEDANCE(at 100MHz)

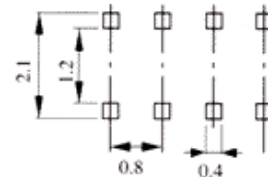
Example : 100=10Ω ,101=100Ω ,102=1000Ω

### (4) PACKING

B : Bulk pack  
 T : Tape&Reel(φ178mm[7inches])



Pad Layout  
2010



Pad Layout  
3216

## SHAPE & DIMENSIONS

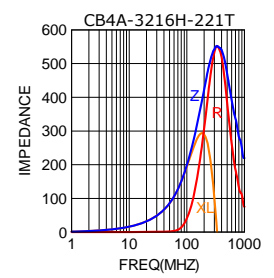
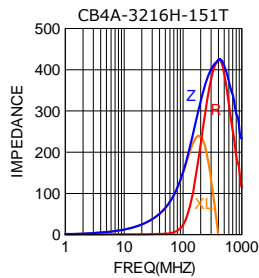
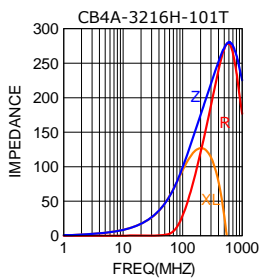
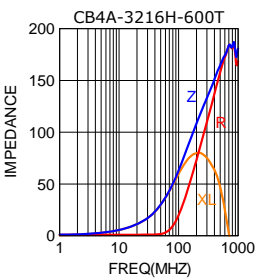
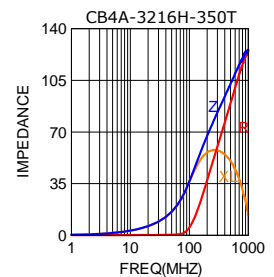
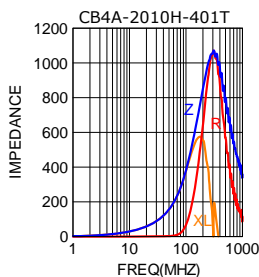
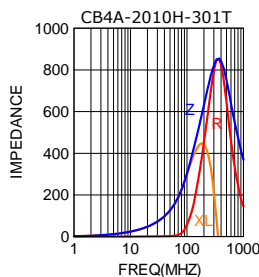
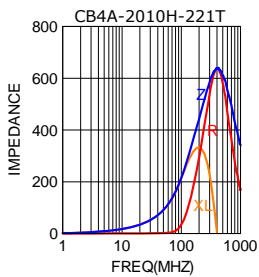
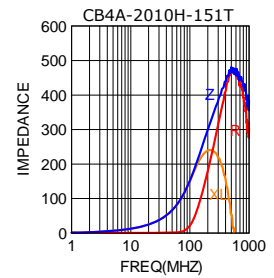
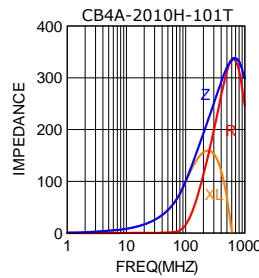
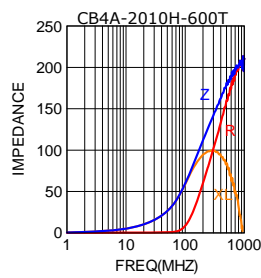
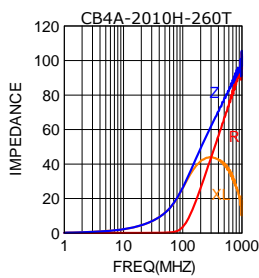
UNIT:mm (inch)

SIZE CODE	L	W	T	C1	C2	D	M
CB4A-2010H 0804	2.00±0.20 (0.079±0.008)	1.00±0.20 (0.040±0.008)	0.55±0.10 (0.022±0.004)	0.25±0.15 (0.010±0.006)	0.25±0.15 (0.010±0.006)	0.50±0.10 (0.020±0.004)	0.125±0.10 (0.005±0.004)
CB4A-3216H 1206	3.20±0.20 (0.126±0.008)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.40±0.15 (0.016±0.006)	0.20~0.45 (0.008~0.018)	0.80±0.10 (0.031±0.004)	0.20±0.10 (0.008±0.004)

# CHIP BEAD ARRAY → CB4A-H : High Frequency Type

## ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
CB4A-2010H-260T	26±25%	100	0.30	300
CB4A-2010H-600T	60±25%	100	0.40	300
CB4A-2010H-101T	100±25%	100	0.55	200
CB4A-2010H-151T	150±25%	100	0.55	200
CB4A-2010H-221T	220±25%	100	0.60	200
CB4A-2010H-301T	300±25%	100	0.65	200
CB4A-2010H-401T	400±25%	100	0.70	200
CB4A-3216H-350T	35±25%	100	0.30	300
CB4A-3216H-600T	60±25%	100	0.30	300
CB4A-3216H-101T	100±25%	100 </td <td>0.30</td> <td>200</td>	0.30	200
CB4A-3216H-121T	120±25%	100	0.30	200
CB4A-3216H-151T	150±25%	100	0.40	200
CB4A-3216H-221T	220±25%	100	0.45	200
CB4A-3216H-301T	300±25%	100	0.50	200
CB4A-3216H-601T	600±25%	100	0.65	200
CB4A-3216H-102T	1000±25%	100	0.90	100



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