

MULTILAYER BAED ARRAY

Series BA General Currents



FEATURES

Multiple-line EMI Suppression

- ◆ The Chip Array series contain four ferrite beads in a single package.
- ◆ This compact design makes this series are perfect for EMI suppression on multiple-lines.

High Density Packaging

- ◆ The Chip Array series have a compact package design that is an ideal for high density packaging.

Multi-frequency Applications

- ◆ This Chip Array series are available in X-type and H-type. The X-type chip arrays are designed for lower frequency applications.
- ◆ The H-type chip arrays are designed for high frequency applications.

APPLICATIONS

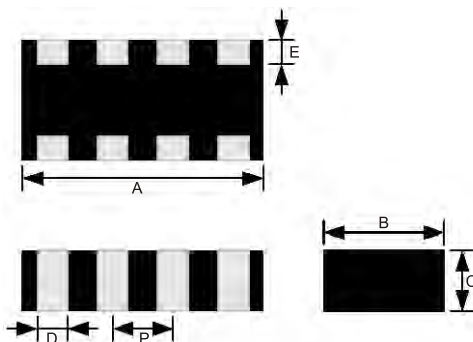
- ◆ Computers, Printers, Hard Drives, CD-ROMs
- ◆ Monitors, Motherboards, Televisions

PRODUCT IDENTIFICATION

BA 10 X 05 2 S 120R
 a b c d e f g

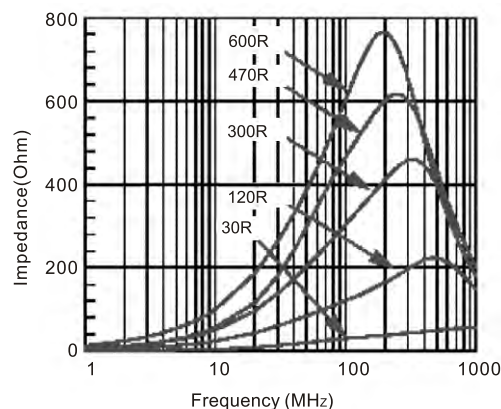
- a : Type of Products - Bead Array
- b : Dimension(mm) - 10 : 1.0 16 : 1.6
- c : Materials - X - General Frequency
- d : Thickness(mm) - 05 : 0.5 09 : 0.9
- e : Packing - PCS / REEL - 3 : 3000 4 : 4000
- f : Tolerance - S : ±25%
- g : Inductance - 40R = 40 Ohm 1K=1000 Ohm

DIMENSIONS



Type	Alias in mm	Alias in inch	A	B	C	D	E	P
BA10X05	2010	0805	2.0±0.2	1.0±0.2	0.5±0.1	0.25±0.15	0.2±0.15	0.5±0.1
BA16X09	3216	1206	3.2±0.2	1.6±0.2	0.9±0.2	0.4±0.2	0.3±0.2	0.8±0.1

Typical electrical characteristics curves for the series of chip bead arrays. The Array series chip arrays have a wide range of impedance characteristics and are ideal for multi-line applications.



MULTILAYER BEAD ARRAY

Series BA General Currents ELECTRICAL CHARACTERISTICS

Type	Alias In mm	Alias In inch	Impedance (Ω) at 100 MHz	RDC (Ω) max.	IDC (mA) max.
BA10X054S120R	2010	0804	120	0.30	100
BA10X054S240R			240	0.45	100
BA10X054S470R			470	0.55	100
BA10X054S600R			600	0.70	100
BA16X093S30R	3216	1206	30	0.40	350
BA16X093S60R			60	0.40	250
BA16X093S120R			120	0.80	150
BA16X093S240R			240	0.80	150
BA16X093S300R			300	0.80	150
BA16X093S470R			470	1.00	100
BA16X093S600R			600	1.50	100
BA16X093S1K			1000	1.70	50

Tolerance : $\pm 25\%$

Operating Temp range : $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Typical electrical characteristic curves

BA10X054S

