

# Multilayer Ferrite Chip Bead Array

AEM, Inc.

## Features

The Multilayer Ferrite Chip Bead Array retains all the features of Multilayer Ferrite Chip Beads. In addition, it provides multiple circuits in a single package, which reduce the required land space on PCB and reduce the cost for assembly.

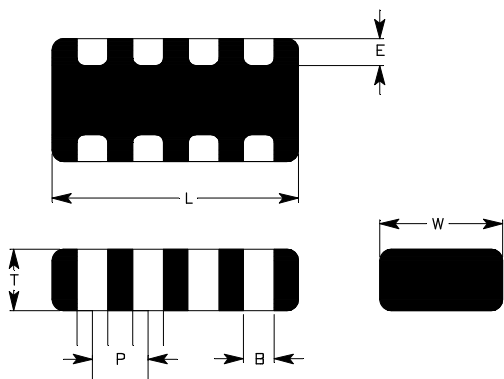
## Applications

Noise suppression in signal I/O lines and other circuits that require multiple chip beads for noise suppression.

## Operation Temperature

-55°C — + 125 °C

## Dimensions



L INCH (mm)	W INCH (mm)	T INCH (mm)	B INCH (mm)	P INCH (mm)	E INCH (mm)
0.126±0.008 (3.20±0.20)	0.063±0.008 (1.60±0.20)	0.031±0.008 (0.80±0.20)	0.014±0.008 (0.35±0.20)	0.031±0.004 (0.80±0.10)	0.012±0.008 (0.30±0.20)

## Product Identification

MBA 1206 A 300 P 4 T  
(1) (2) (3) (4) (5) (6) (7)

- (1) Series code:  
MBA: Multilayer Ferrite Chip Bead Array
- (2) Size code:  
1206 (3216)
- (3) Characteristics code:  
A – Standard, B – High Speed
- (4) Value code:  
Impedance (Ohm at 100 MHz)  
The first two digits are significant, the last digit specifies the number of zeros to follow.
- (5) Tolerance code: P = ± 25%
- (6) Number of circuit: 4 = Four circuits
- (7) Package code: T = Tape & Reel, B = Bulk

AEM Part Number	Impedance Ohm at 100 MHz	Max. DCR Ohm	Max. Current mA
MBA1206A300P4	30	0.1	200
MBA1206A600P4	60	0.25	200
MBA1206A121P4	120	0.3	150
MBA1206A221P4	220	0.3	150
MBA1206A601P4	600	0.5	100
MBA1206A102P4	1000	0.7	50
MBA1206B100P4	10	0.15	200
MBA1206B220P4	22	0.25	200
MBA1206B470P4	47	0.3	150
MBA1206B121P4	120	0.5	100
MBA1206B221P4	220	0.55	100
MBA1206B471P4	470	0.55	100
MBA1206B601P4	600	0.65	100

Please add package code to part number when ordering.