



Multilayer Ferrite Chip Bead Arrays

Features

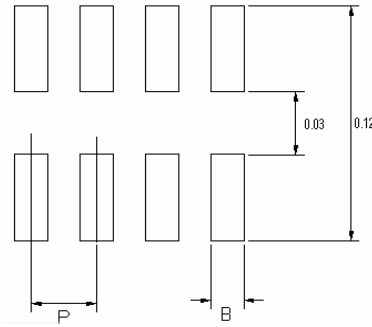
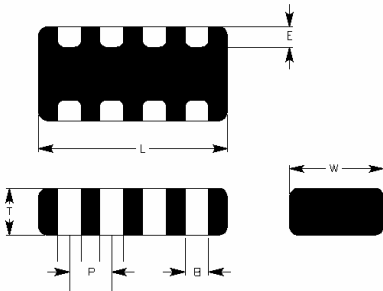
The Multilayer Ferrite Chip Bead Arrays retain all the features of Multilayer Ferrite Chip Beads. In addition, it provides multiple circuits in a single package, which reduces the required land space on PCB and the cost for assembly.

Applications

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

Operating 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)	0.016±0.008 (0.40±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 - T
(1) (2) (3) (4) (5) (6) (7) (8)

- (1) Series code:
MBA: Multilayer Ferrite Chip Bead Array
- (2) Dimensions: L x W inches
The first two digits: L (length)
The last two digits: W (width)
- (3) Characteristics code:
A – Standard, B – High Speed
- (4) Value code:
Impedance (ohms 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 circuits: 4 = Four circuits
- (7) Package code: T = Tape & Reel, B = Bulk
- (8) Termination type code:
T = 100% Sn plating

AEM Part Number	Z@100MHz Ω	Tolerance	Max. R _{DC} Ω	Max. I A
MBA1206A300P4	30	P	0.10	0.50
MBA1206A600P4	60	P	0.25	0.40
MBA1206A121P4	120	P	0.30	0.40
MBA1206A221P4	220	P	0.30	0.30
MBA1206A301P4	300	P	0.40	0.30
MBA1206A601P4	600	P	0.50	0.20
MBA1206A102P4	1000	P	0.70	0.20
MBA1206B300P4	30	P	0.25	0.40
MBA1206B600P4	60	P	0.30	0.40
MBA1206B121P4	120	P	0.40	0.30
MBA1206B221P4	220	P	0.45	0.20
MBA1206B301P4	300	P	0.50	0.20
MBA1206B601P4	600	P	0.65	0.15

Please add packaging and termination codes when ordering.