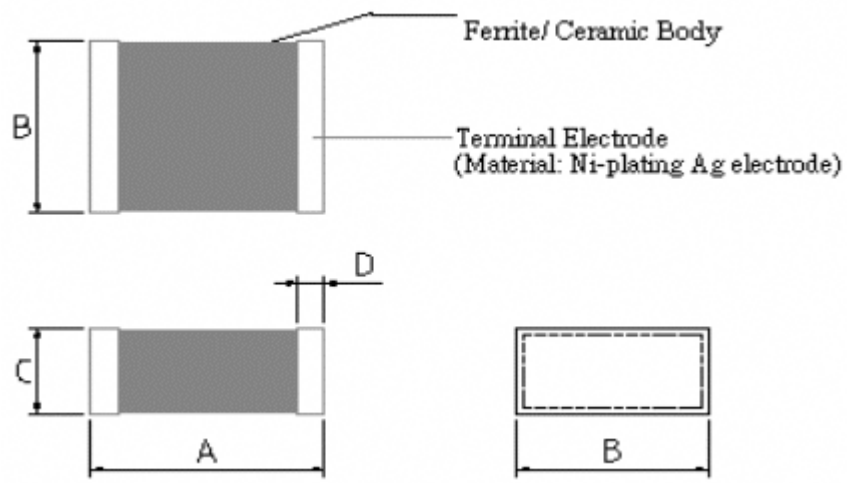
- **Multilayer Ferrite / Ceramic Chip Beads/ Inductors**

Contents

Classifications

FAM Type: designed for general-purpose applications with wide range of impedance.
FBM Type: designed for high frequency applications. This type minimizes attenuation of the signal waveform by its sharp impedance characteristics.
FPM Type: designed for high current applications, which is suitable for noise near power lines.
FRM Type: designed for low frequency applications with higher impedance at low frequency.
FLM Type: designed for high current signal lines applications with low DC resistance across a wide range of impedances. The current capacity is between FAM and FPM type.
FHM Type: designed for high-speed applications that used for noise suppression at frequencies higher than the FBM Type.
FBA4 Type: designed for multi-line applications that need high-density packaging of electric circuits.

Shape & Dimensions



Chip Beads/ Inductors

Unit: m/m (inch)

Dimensions	A	B	C	D
100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20 (0.047±0.008)	0.90±0.20 (0.035±0.008)	0.50±0.30 (0.020±0.012)
321611 (1206)	3.20±0.20 (0.126±0.008)	1.60±0.20 (0.063±0.008)	1.10±0.20 (0.043±0.008)	0.50±0.30 (0.020±0.012)
321616 (1206)	3.20±0.20 (0.126±0.008)	1.60±0.20 (0.063±0.008)	1.60±0.20 (0.063±0.008)	0.50±0.30 (0.020±0.012)
322513 (1210)	3.20±0.20 (0.126±0.008)	2.50±0.20 (0.098±0.008)	1.30±0.20 (0.051±0.008)	0.50±0.30 (0.020±0.012)
451616 (1806)	4.50±0.20 (0.177±0.008)	1.60±0.20 (0.063±0.008)	1.60±0.20 (0.063±0.008)	0.50±0.30 (0.020±0.012)
453215 (1812)	4.50±0.20 (0.177±0.008)	3.20±0.20 (0.126±0.008)	1.50±0.20 (0.059±0.008)	0.50±0.30 (0.020±0.012)

Beads Array

L	W	T	C_1	C_2	D	M
3.20±0.20 (0.126±0.008)	1.60±0.20 (0.063±0.008)	0.80±0.10 (0.031±0.004)	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)

Product Applicable Frequency Overview