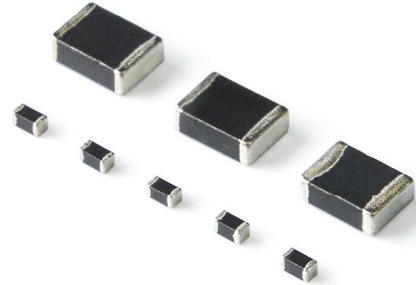


SPECIFICATION OF FBM□-10 SERIES

APPLICATIONS

1. EMI suppression for various electric equipment by the addition of impedance to the circuit.
2. It is particularly effective with unstable grounding.
3. High frequency EMI prevention of computers , printers , VCRs , TVs and portable telephone.
4. The FBM□-10 series can minimize attenuation of the signal wave form for high speed signal due to its sharp impedance characteristics.
This is much lower impedance in frequency range lower than 100 MHz.



ORDERING CODE

FBM□-10- 321611-121 T
(1) (2) (3) (4) (5)

(1) PRODUCT TYPE CODE

FBM : Ferrite Bead Multilayer
 □ : RoHS Code

(2) DESIGN CODE

Type : 11,10,09,15,HA,L11,L10

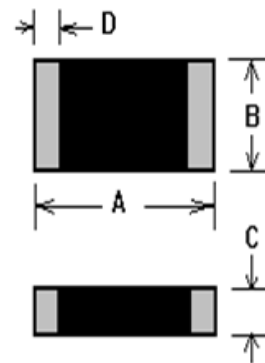
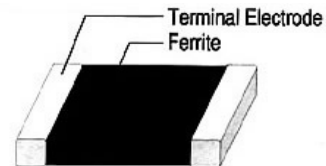
(3) SIZE CODE

See Following Table

(4) IMPEDANCE VALUE CODE

Example : 121=120Ω , 280=28Ω

(5) TAPING



SHAPE & DIMENSIONS

UNIT:mm (inch)

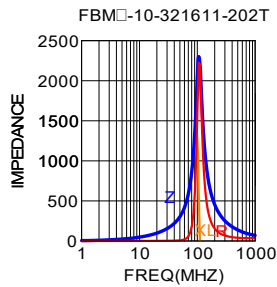
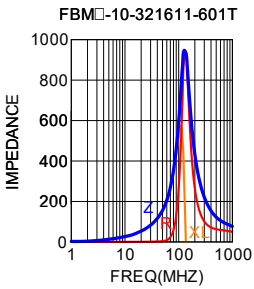
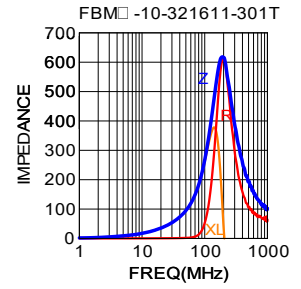
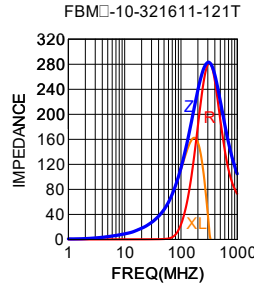
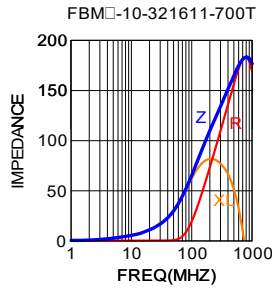
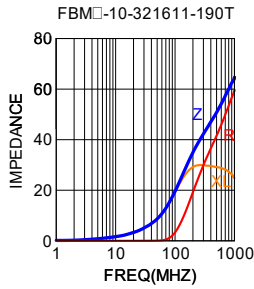
SIZE CODE	A	B	C	D
FBM□-10-100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
FBM□-10-160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
FBM□-10-201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20 (0.047±0.008)	0.90±0.20 (0.035±0.008)	0.50±0.30 (0.020±0.012)
FBM□-10-321611 (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)

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-10-321611 : High Frequency Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	IDC (mA)max
FBM□-10-321611-190T	19±25%	100	0.10	500
FBM□-10-321611-700T	70±25%	100	0.30	500
FBM□-10-321611-121T	120±25%	100	0.30	400
FBM□-10-321611-301T	300±25%	100	0.50	300
FBM□-10-321611-601T	600±25%	100	0.60	200
FBM□-10-321611-202T	2000±25%	100	1.20	100



※IDC:Based on Temperature increase 40°C

※Operating temperature range : -55 to +125°C (including self-heating)

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