

SPECIFICATION OF FBM□-10 SERIES

APPLICATIONS

1. EMI suppression for various electric equipment by the addition of impedance to the circuit.
2. It is particular 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 low than 100 MHz.



ORDERING CODE

FBM□ - 10 - 100505 - 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

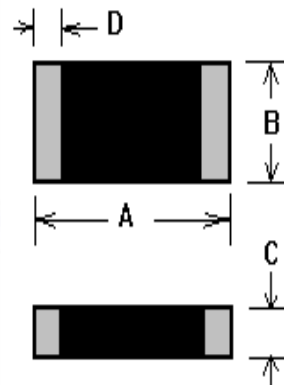
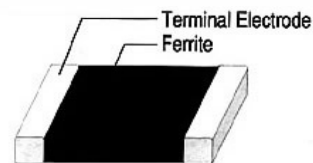
(3) SIZE CODE

See Following Table

(4) IMPEDANCE VALUE CODE

Example : 121=120Ω , 280=28Ω

(5) TAPING



SHAPE & DIMENSIONS

UNIT:mm (inch)

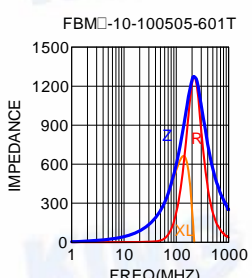
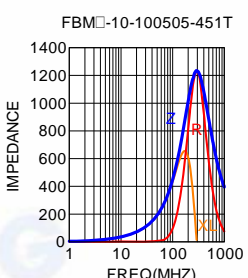
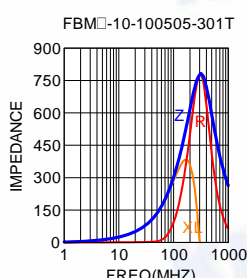
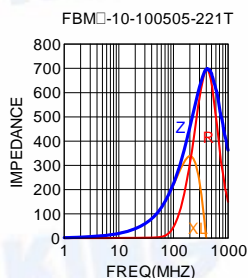
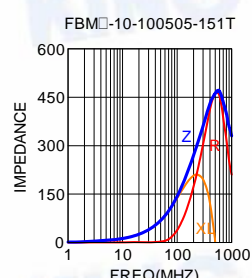
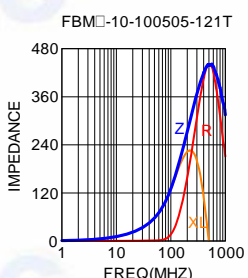
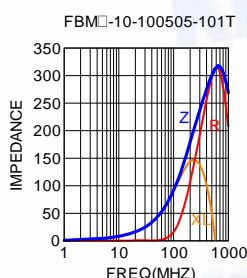
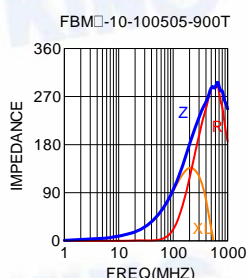
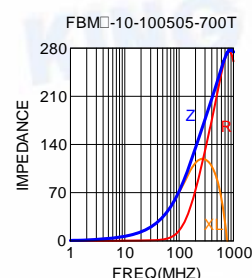
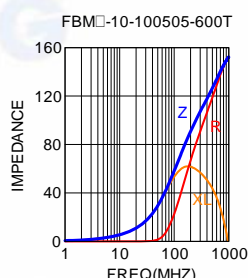
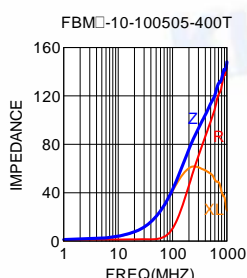
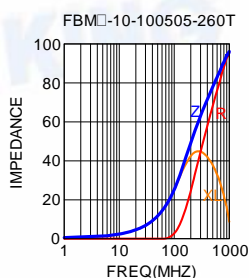
SIZE CODE	A	B	C	D
FBM□-10-100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
FBM□-10-160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
FBM□-10-201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20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

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MULTILAYER CHIP BEADS → FBM□-10-100505 : High Frequency Type

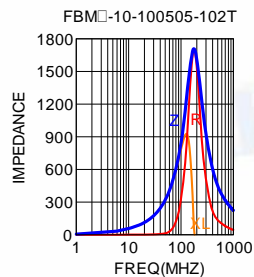
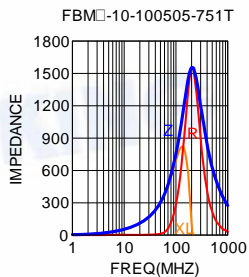
ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
FBM□-10-100505-260T	26±25%	100	0.3	150
FBM□-10-100505-400T	40±25%	100	0.3	150
FBM□-10-100505-600T	60±25%	100	0.4	150
FBM□-10-100505-700T	70±25%	100	0.4	150
FBM□-10-100505-900T	90±25%	100	0.4	150
FBM□-10-100505-101T	100±25%	100	0.4	150
FBM□-10-100505-121T	120±25%	100	0.5	100
FBM□-10-100505-151T	150±25%	100	0.5	150
FBM□-10-100505-221T	220±25%	100	0.8	100
FBM□-10-100505-301T	300±25%	100	0.9	100
FBM□-10-100505-451T	450±25%	100	1.0	100
FBM□-10-100505-601T	600±25%	100	1.1	50
FBM□-10-100505-751T	750±25%	100	1.2	50
FBM□-10-100505-102T	1000±25%	100	1.3	50



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