

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 - 160808 - 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

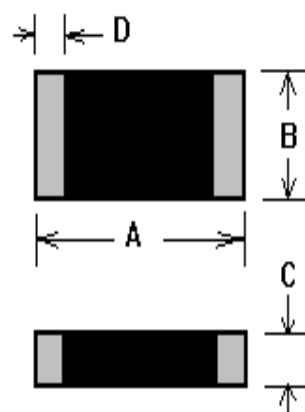
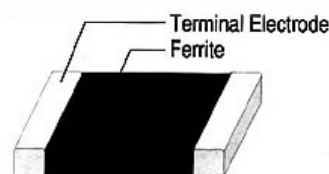
(3) SIZE CODE

See Following Table

(4) IMPEDANCE VALUE CODE

Example : 121=120Ω , 280=28Ω

(5) TAPING



SHAPE & DIMENSIONS

UNIT:m/m (inch)

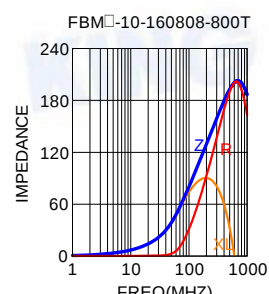
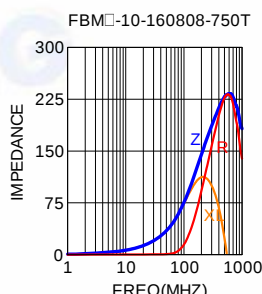
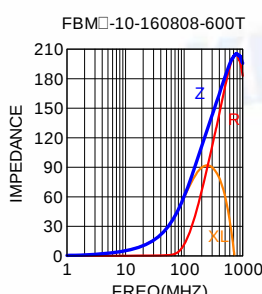
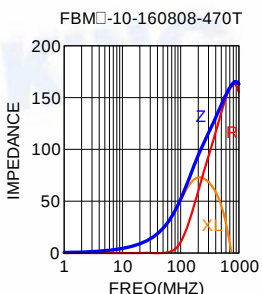
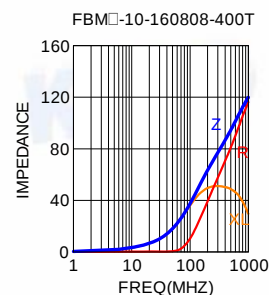
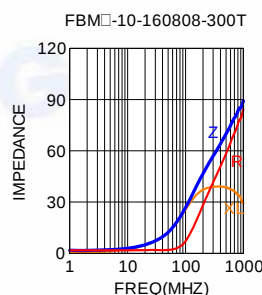
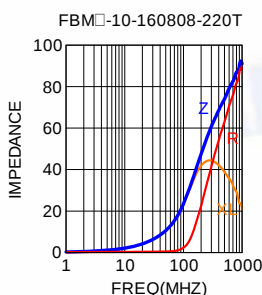
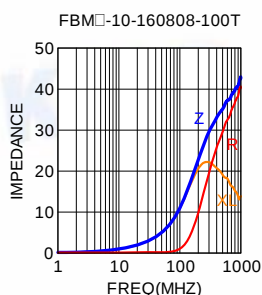
SIZE CODE	A	B	C	D
FBM□-10-100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
FBM□-10-160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
FBM□-10-201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20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

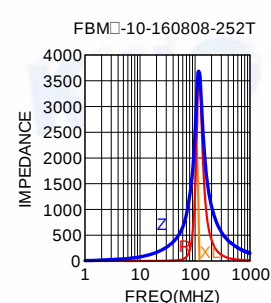
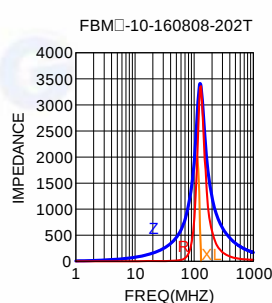
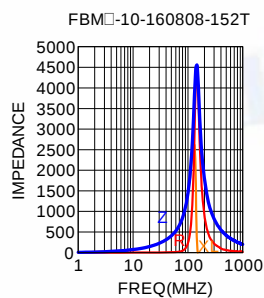
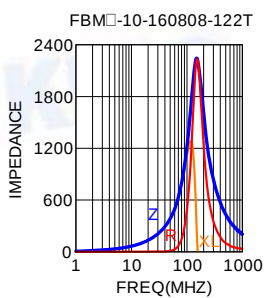
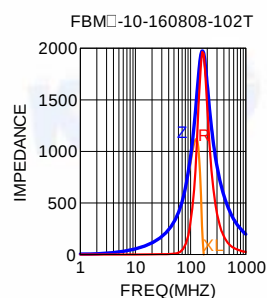
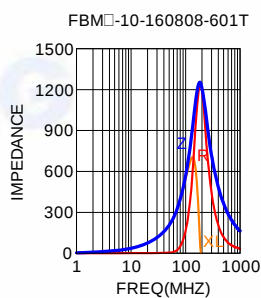
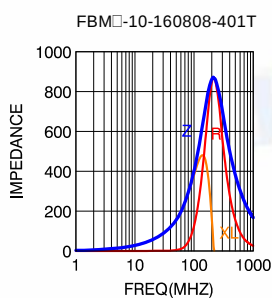
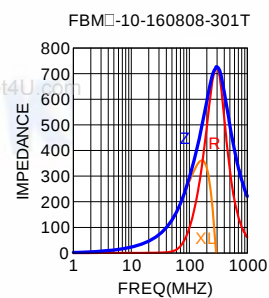
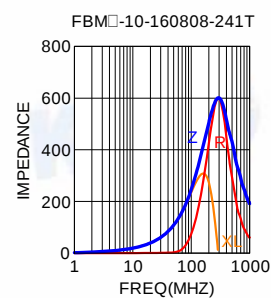
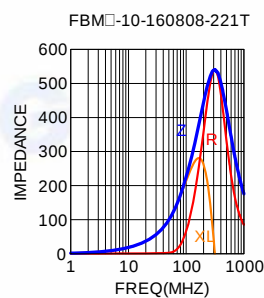
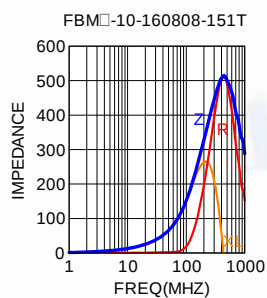
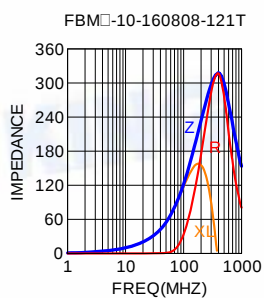
ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
FBM□-10-160808-100T	10±25%	100	0.1	500
FBM□-10-160808-220T	22±25%	100	0.3	300
FBM□-10-160808-300T	30±25%	100	0.3	300
FBM□-10-160808-400T	40±25%	100	0.3	300
FBM□-10-160808-470T	47±25%	100	0.3	300
FBM□-10-160808-600T	60±25%	100	0.3	300
FBM□-10-160808-750T	75±25%	100	0.3	300
FBM□-10-160808-800T	80±25%	100	0.3	300
FBM□-10-160808-121T	120±25%	100	0.3	200
FBM□-10-160808-151T	150±25%	100	0.4	200
FBM□-10-160808-221T	220±25%	100	0.4	200
FBM□-10-160808-241T	240±25%	100	0.4	200
FBM□-10-160808-301T	300±25%	100	0.5	200
FBM□-10-160808-401T	400±25%	100	0.5	200
FBM□-10-160808-601T	600±25%	100	0.6	200
FBM□-10-160808-100T	1000±25%	100	1.0	100
FBM□-10-160808-122T	1200±25%	100	1.0	100
FBM□-10-160808-152T	1500±25%	100	1.5	100
FBM□-10-160808-202T	2000±25%	100	1.5	100
FBM□-10-160808-252T	2500±25%	100	1.5	50



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