

# SPECIFICATION OF FBM□-11 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□-11 series generates an impedance from the relatively low to high frequency. Therefore the FBM□-11 series is effective in noise suppression in the wide frequency range.



## ORDERING CODE

**FBM□ - 11 - 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

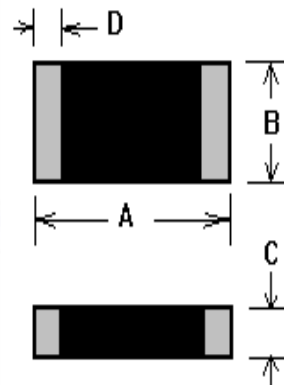
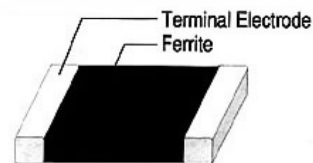
### (3) SIZE CODE

See Following Table

### (4) IMPEDANCE VALUE CODE

Example : 121=120Ω , 280=28Ω

### (5) TAPING



## SHAPE & DIMENSIONS

UNIT:mm (inch)

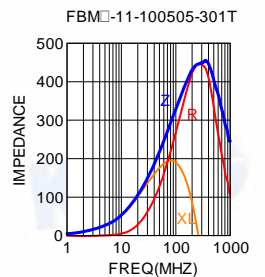
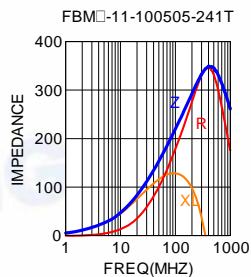
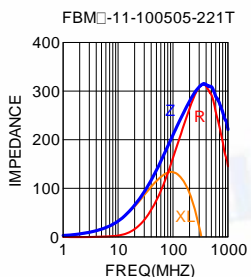
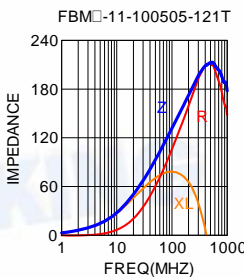
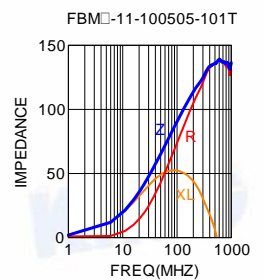
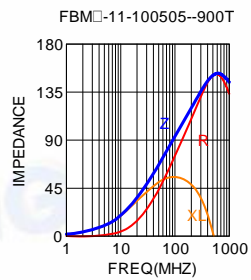
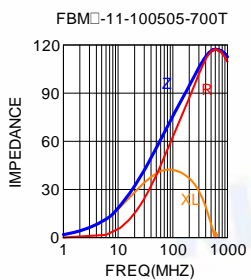
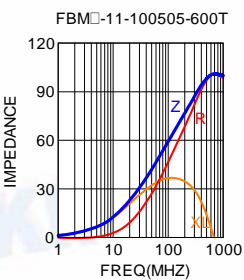
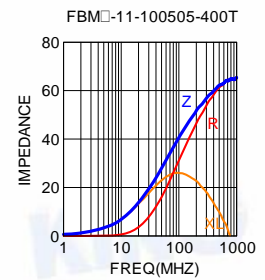
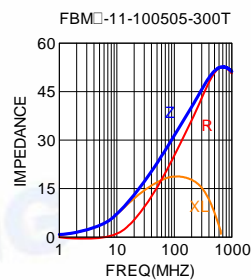
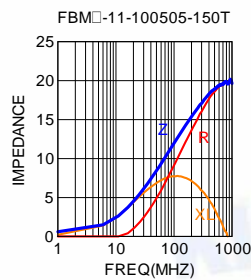
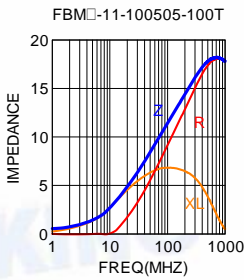
SIZE CODE	A	B	C	D
FBM□-11-100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
FBM□-11-160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
FBM□-11-201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20 (0.047±0.008)	0.90±0.20 (0.035±0.008)	0.50±0.30 (0.020±0.012)
FBM□-11-321611 (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□-11-100505 : Standard Type

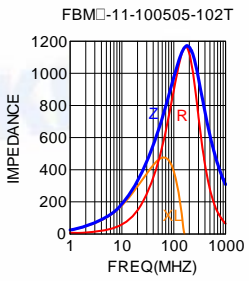
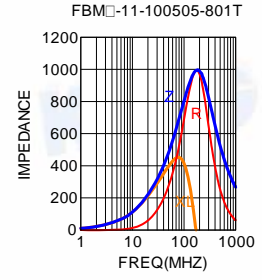
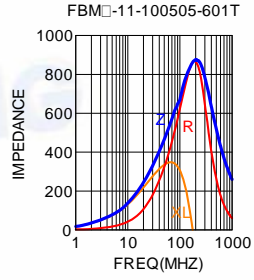
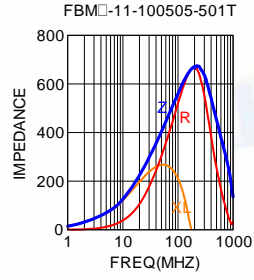
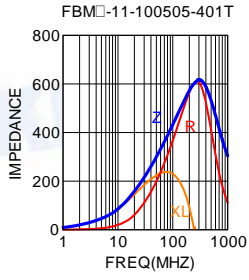
## ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
FBM□-11-100505-100T	10±25%	100	0.3	150
FBM□-11-100505-150T	15±25%	100	0.2	300
FBM□-11-100505-300T	30±25%	100	0.3	150
FBM□-11-100505-400T	40±25%	100	0.3	150
FBM□-11-100505-600T	60±25%	100	0.4	150
FBM□-11-100505-700T	70±25%	100	0.3	150
FBM□-11-100505-900T	90±25%	100	0.4	150
FBM□-11-100505-101T	100±25%	100	0.4	150
FBM□-11-100505-121T	120±25%	100	0.5	150
FBM□-11-100505-221T	220±25%	100	0.7	100
FBM□-11-100505-241T	240±25%	100	0.8	100
FBM□-11-100505-301T	300±25%	100	0.8	100
FBM□-11-100505-401T	400±25%	100	0.8	100
FBM□-11-100505-501T	500±25%	100	0.9	100
FBM□-11-100505-601T	600±25%	100	1.0	100
FBM□-11-100505-801T	800±25%	100	1.1	50
FBM□-11-100505-102T	1000±25%	100	1.2	50



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