

# SPECIFICATION OF FBM□-\_\_ \_ \_A□□ 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□-A□□ series can be used in high current circuits due to its low DC resistance. It can match power line to a maximum of 10A DC.



## ORDERING CODE

**FBM□ - 11 - 201209 - 121 A□□ R T**  
**(1) (2) (3) (4) (5) (6)(7)**

### (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

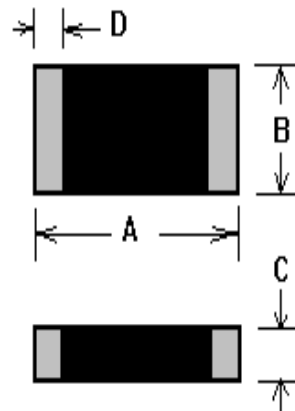
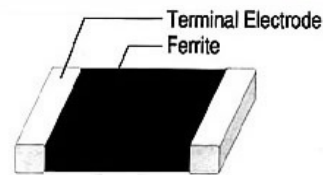
Example : 121=120Ω , 280=28Ω

### (5) A□□ MEANS HIGH CURRENT RATING

Example : A10 means 1000mA  
 A08 means 800mA

### (6) R : SPECIAL DCR CODE

### (7) 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)
FBM□-11-322513 (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)
FBM□-11-451616 (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)
FBM□-__ _ -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)

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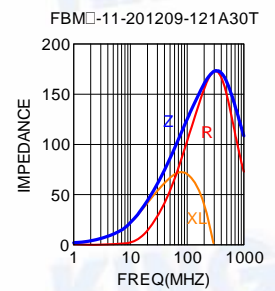
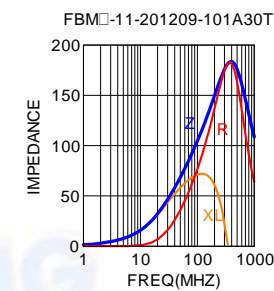
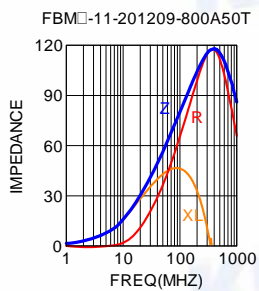
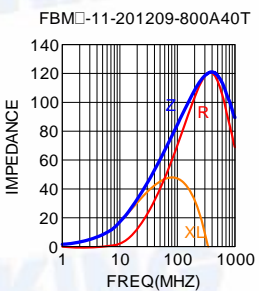
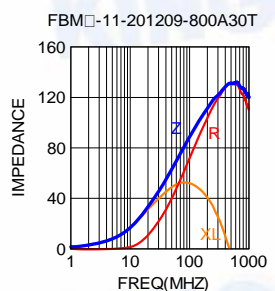
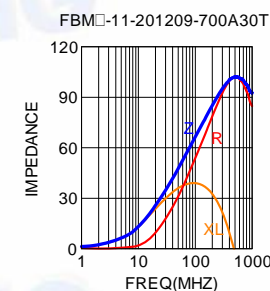
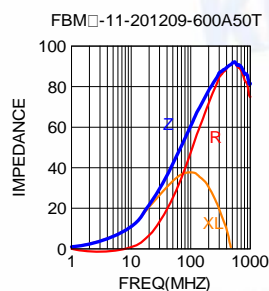
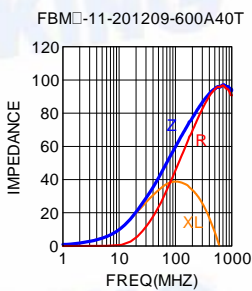
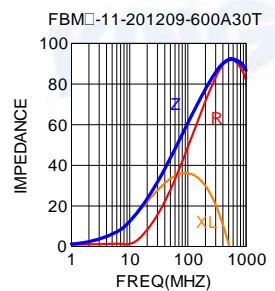
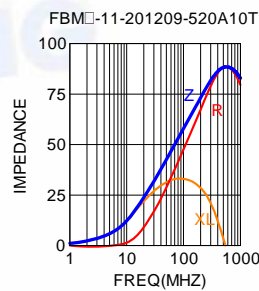
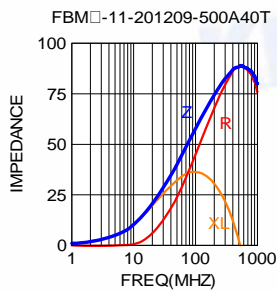
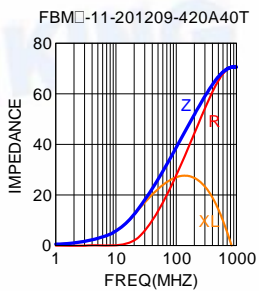
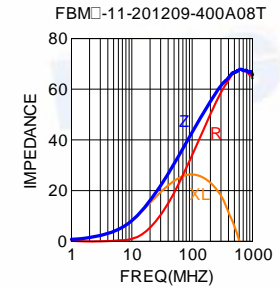
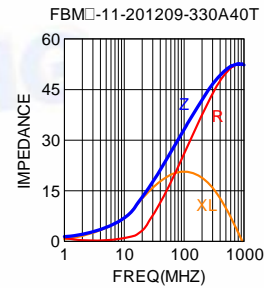
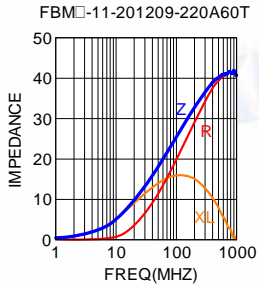
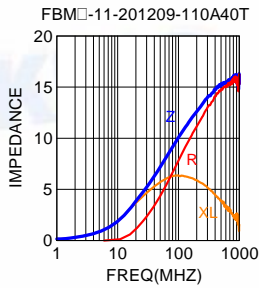
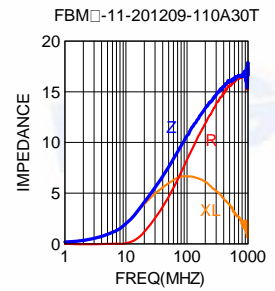
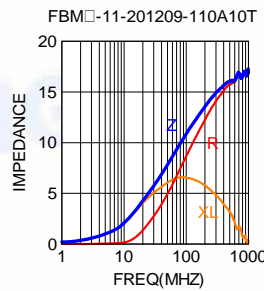
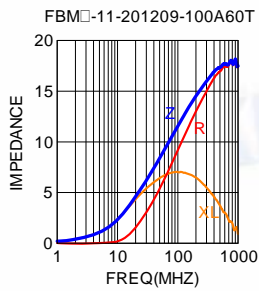
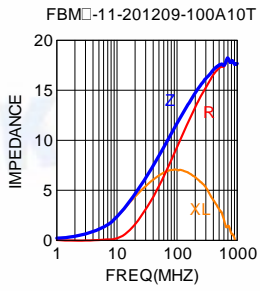
# MULTILAYER CHIP BEADS → FBM□-11-201209 : High Current Standard Type

## ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
FBM□-11-201209-100A10T	10±25%	100	0.200	1000
FBM□-11-201209-100A60T	10±25%	100	0.010	6000
FBM□-11-201209-110A10T	11±25%	100	0.200	1000
FBM□-11-201209-110A30T	11±25%	100	0.040	3000
FBM□-11-201209-110A40T	11±25%	100	0.035	4000
FBM□-11-201209-220A60T	22±25%	100	0.010	6000
FBM□-11-201209-330A40T	33±25%	100	0.035	4000
FBM□-11-201209-400A08T	40±25%	100	0.250	800
FBM□-11-201209-420A40T	42±25%	100	0.035	4000
FBM□-11-201209-500A40T	50±25%	100	0.035	4000
FBM□-11-201209-520A10T	52±25%	100	0.200	1000
FBM□-11-201209-600A30T	60±25%	100	0.040	3000
FBM□-11-201209-600A40T	60±25%	100	0.035	4000
FBM□-11-201209-600A50T	60±25%	100	0.020	5000
FBM□-11-201209-700A30T	70±25%	100	0.040	3000
FBM□-11-201209-800A30T	80±25%	100	0.040	3000
FBM□-11-201209-800A40T	80±25%	100	0.035	4000
FBM□-11-201209-800A50T	80±25%	100	0.020	5000
FBM□-11-201209-101A30T	100±25%	100	0.040	3000
FBM□-11-201209-121A30T	120±25%	100	0.040	3000
FBM□-11-201209-121A40T	120±25%	100	0.035	4000
FBM□-11-201209-121A50T	120±25%	100	0.020	5000
FBM□-11-201209-151A25T	150±25%	100	0.050	2500
FBM□-11-201209-151A40T	150±25%	100	0.035	4000
FBM□-11-201209-201A30T	200±25%	100	0.040	3000
FBM□-11-201209-201A40T	200±25%	100	0.035	4000
FBM□-11-201209-221A30T	220±25%	100	0.040	3000
FBM□-11-201209-251A30T	250±25%	100	0.040	3000
FBM□-11-201209-301A10T	300±25%	100	0.200	1000
FBM□-11-201209-301A20T	300±25%	100	0.100	2000
FBM□-11-201209-301A30T	300±25%	100	0.040	3000
FBM□-11-201209-331A15T	330±25%	100	0.150	1500
FBM□-11-201209-401A30T	400±25%	100	0.040	3000
FBM□-11-201209-601A10T	600±25%	100	0.200	1000
FBM□-11-201209-601A20T	600±25%	100	0.100	2000
FBM□-11-201209-102A10T	1000±25%	100	0.200	1000
FBM□-11-201209-152A03T	1500±25%	100	0.500	300

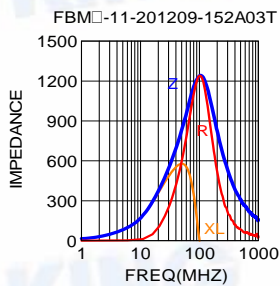
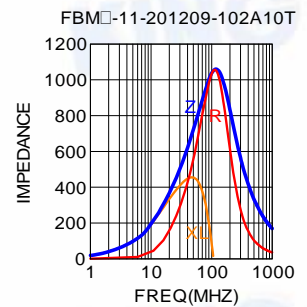
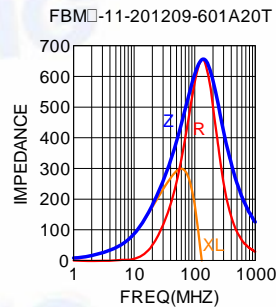
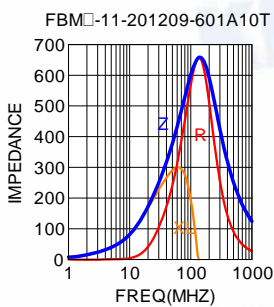
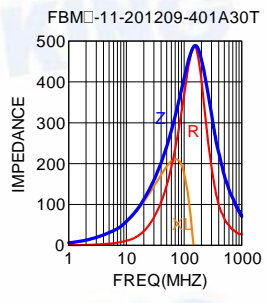
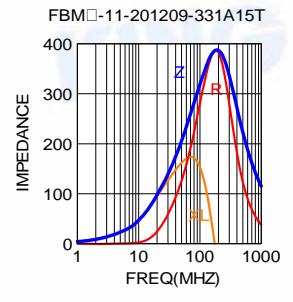
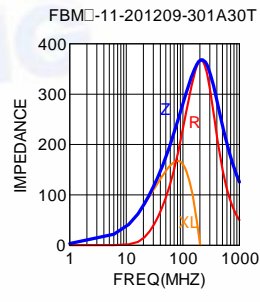
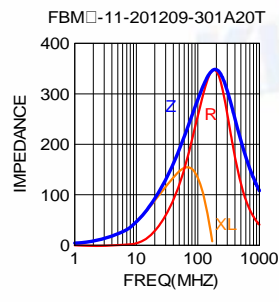
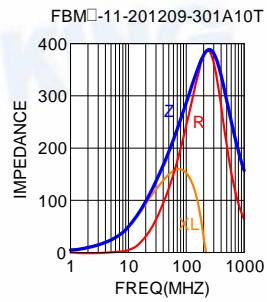
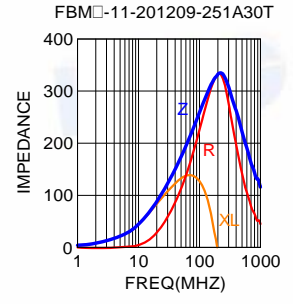
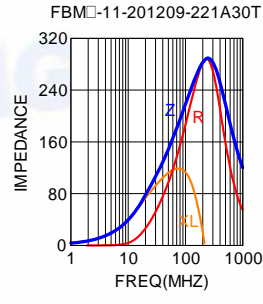
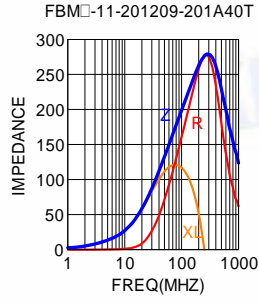
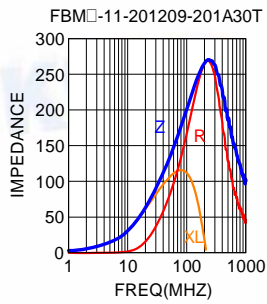
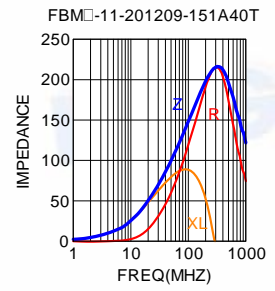
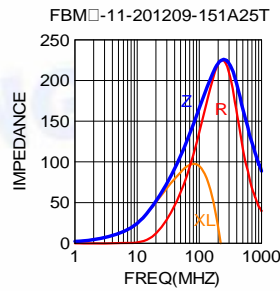
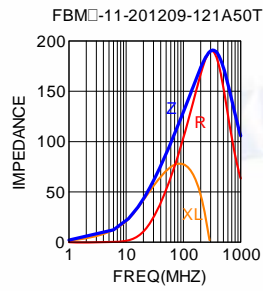
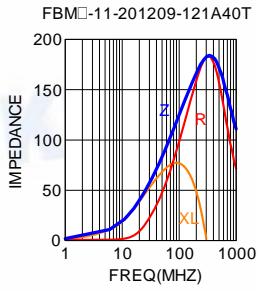
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# MULTILAYER CHIP BEADS → FBM□-11-201209 : High Current Standard Type



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