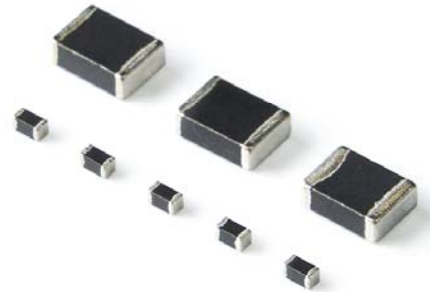


SPECIFICATION OF FBM□-□□□□_A□□ SERIES

APPLICATIONS

- EMI suppression for various electric equipment by the addition of impedance to the circuit.
- It is particularly effective with unstable grounding.
- High frequency EMI prevention of computers , printers , VCRs , TVs and portable telephone.
- 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

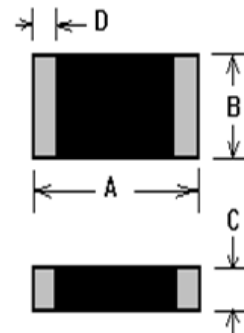
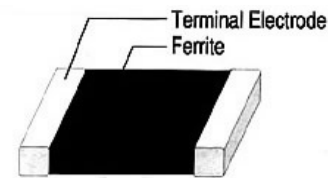
Example : 121=120Ω , 280=28Ω

(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□-11-453215 (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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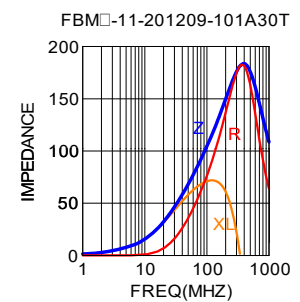
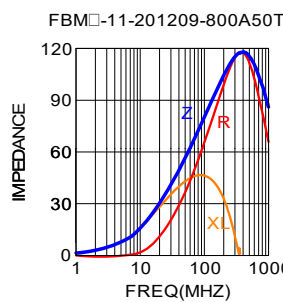
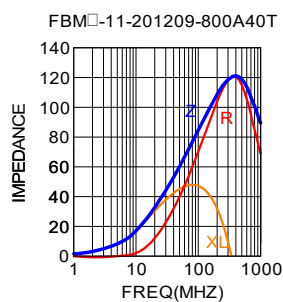
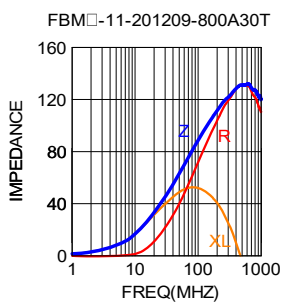
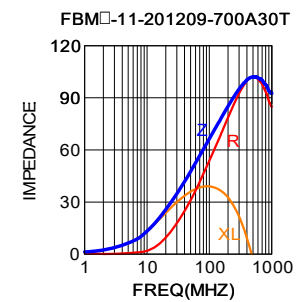
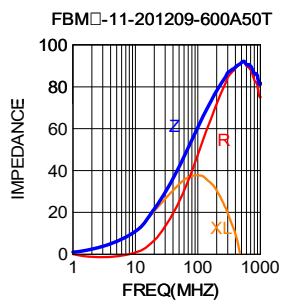
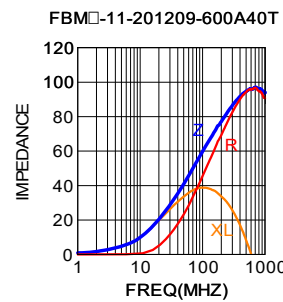
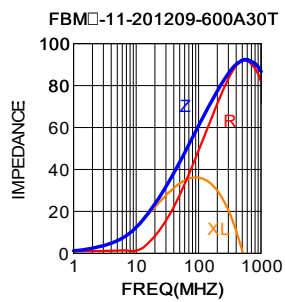
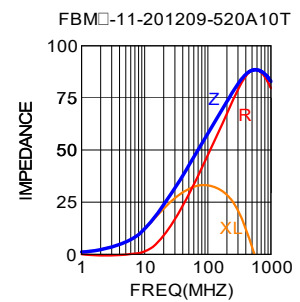
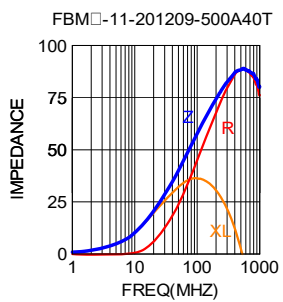
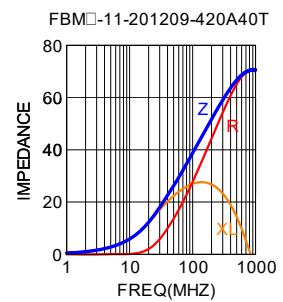
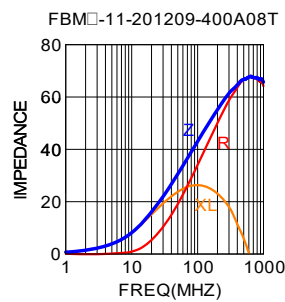
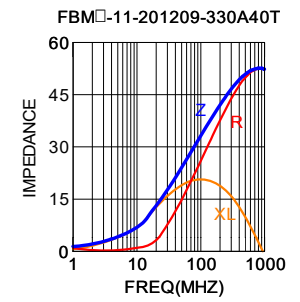
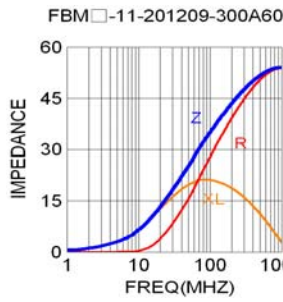
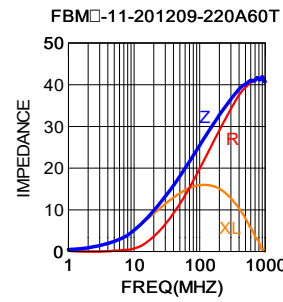
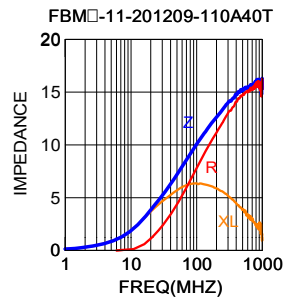
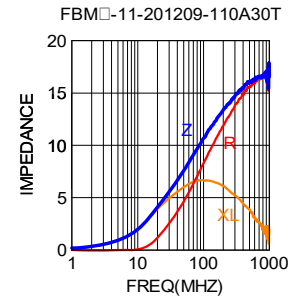
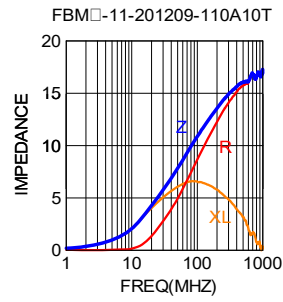
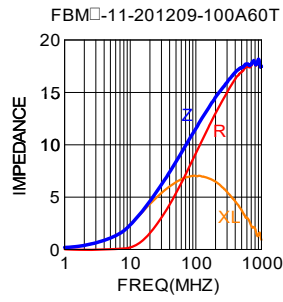
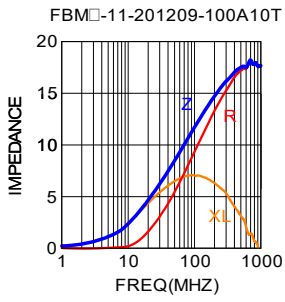
MULTILAYER CHIP BEADS → FBM□-11-201209 : High Current Standard Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	IDC (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□-11-201209-300A60T	30±25%	100	0.015	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

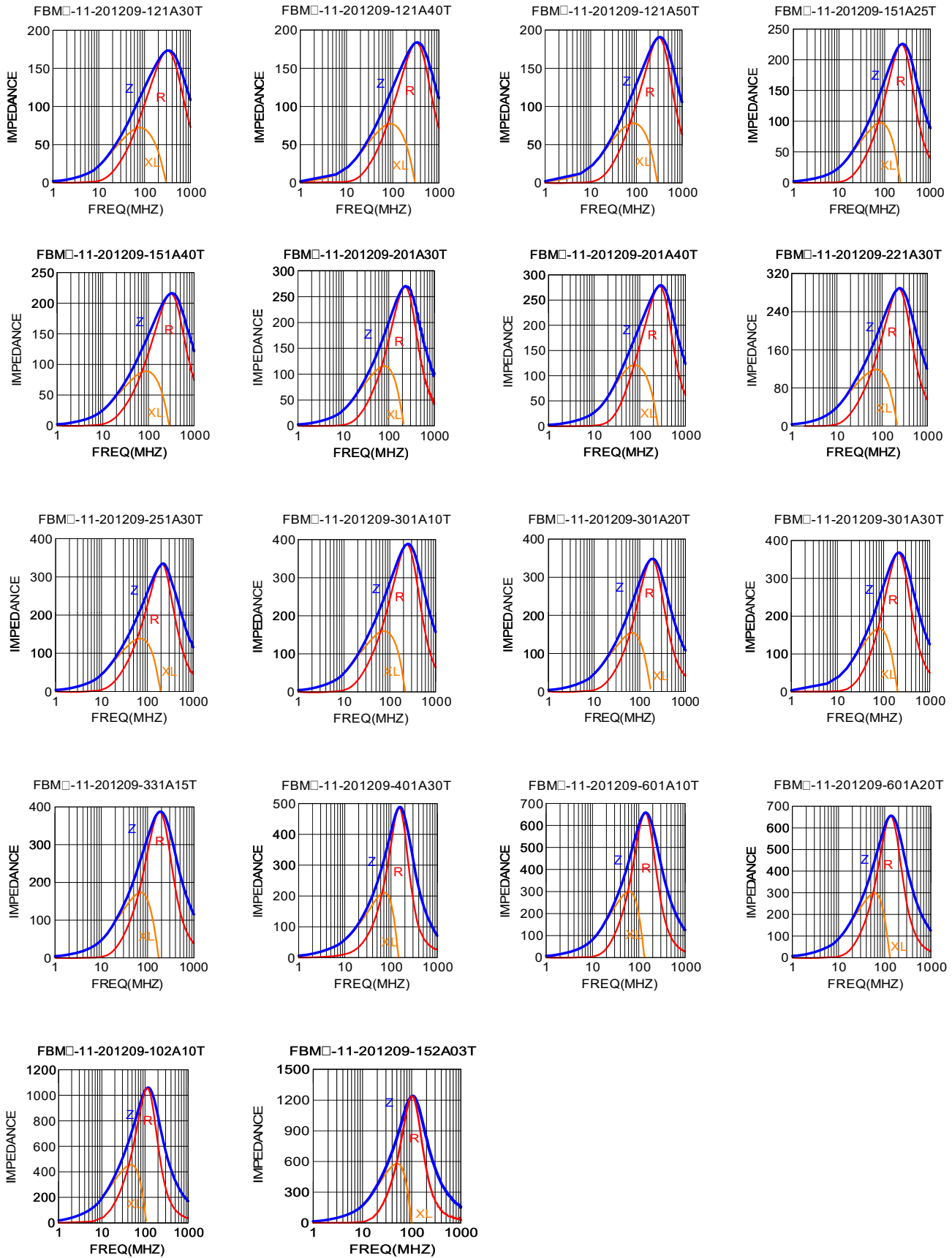
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MULTILAYER CHIP BEADS → FBM□-11-201209 : High Current Standard Type



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



※ICD:Based on Temperature increase 40°C

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

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