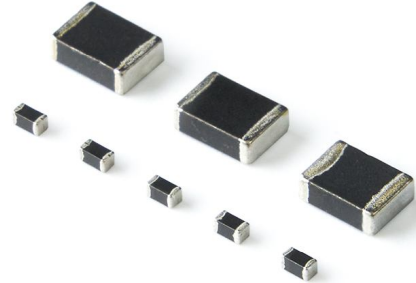


SPECIFICATION OF FBM□-11 SERIES

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□-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 - 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

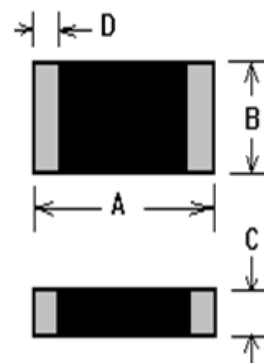
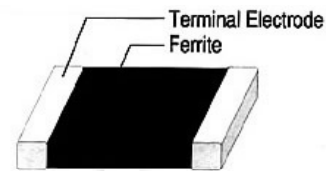
(3) SIZE CODE

See Following Table

(4) IMPEDANCE VALUE CODE

Example : 121=120Ω , 280=28Ω

(5) TAPING



SHAPE & DIMENSIONS

UNIT:mm (inch)

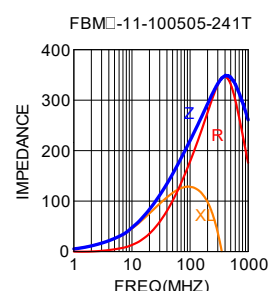
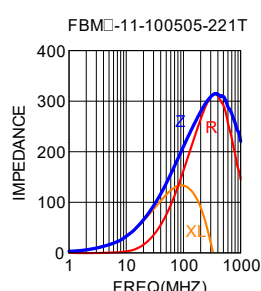
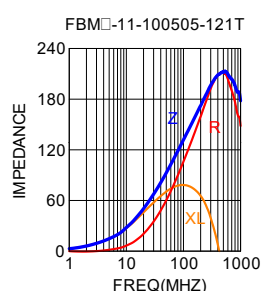
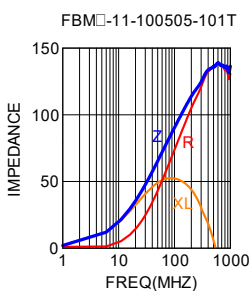
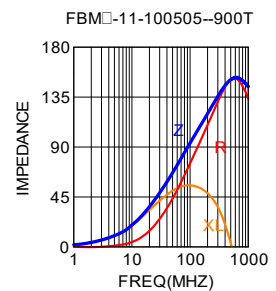
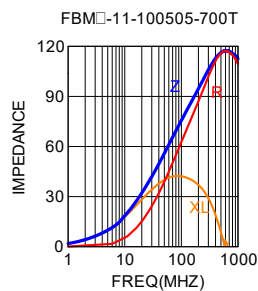
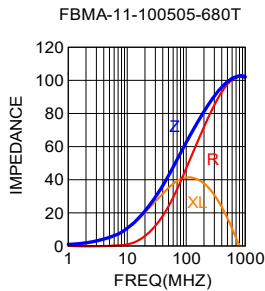
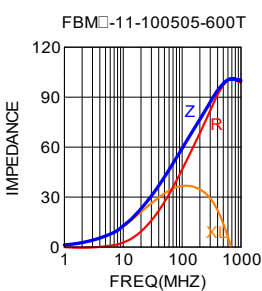
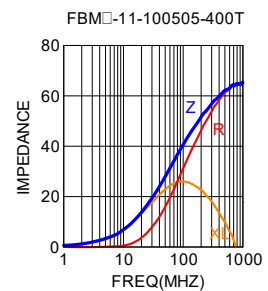
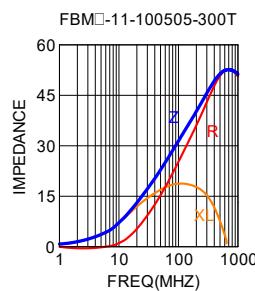
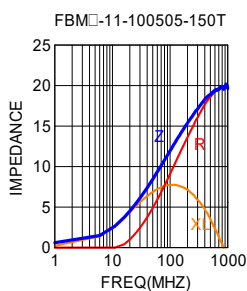
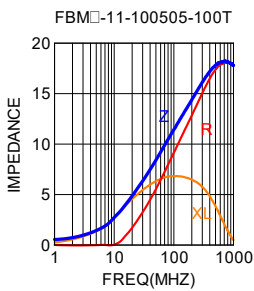
SIZE CODE	A	B	C	D
FBM□-11-100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
FBM□-11-160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
FBM□-11-201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20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

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-11-100505 : Standard Type

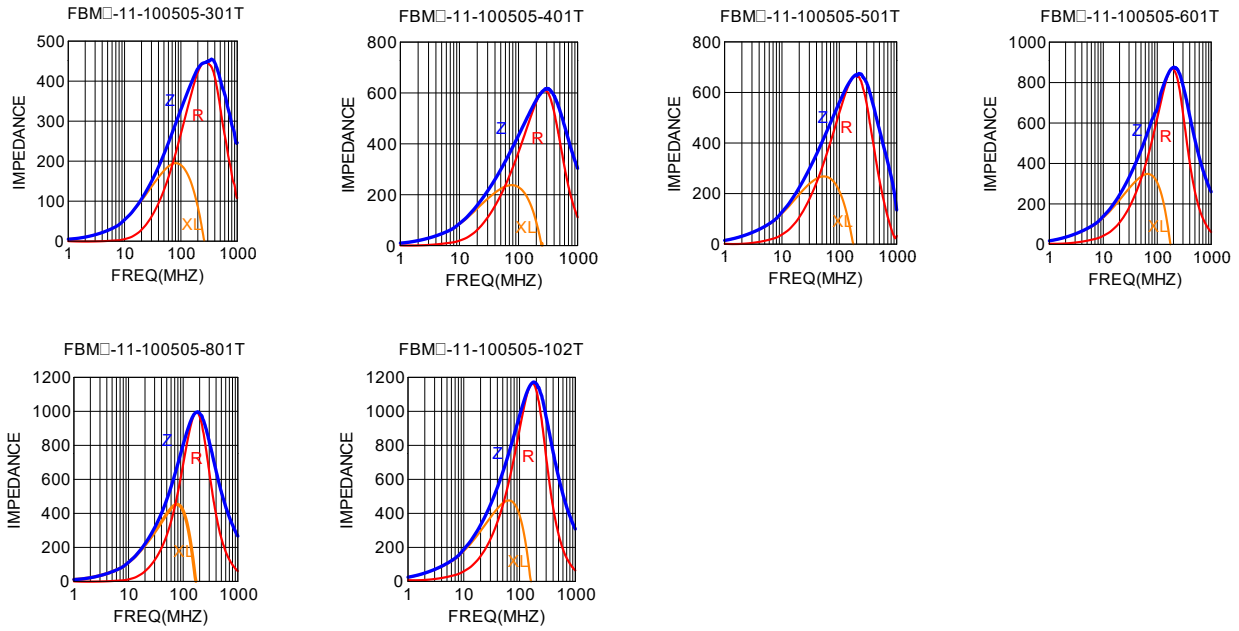
ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	IDC (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□-11-100505-680T	68±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



※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-11-100505 : Standard Type



※IDC: Based on Temperature increase 40°C

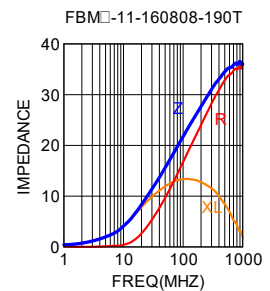
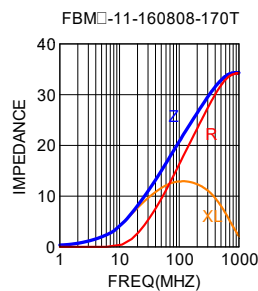
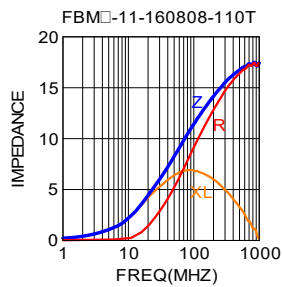
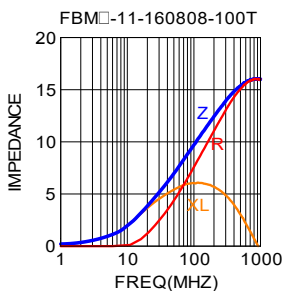
※Operating temperature range : -55 to +125°C (including self-heating)

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-11-160808 : Standard Type

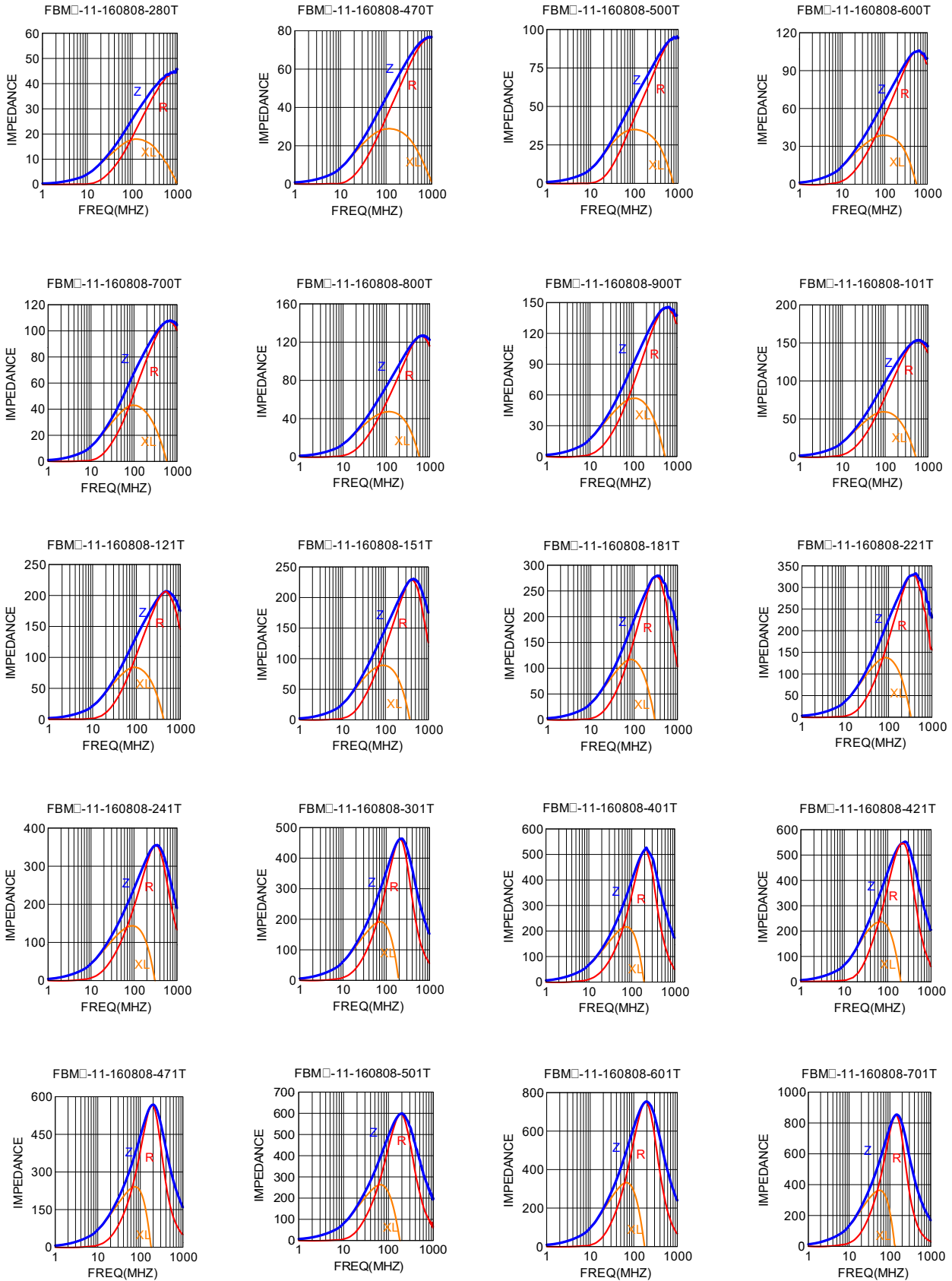
ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	IDC (mA)max
FBM□-11-160808-100T	10±25%	100	0.1	500
FBM□-11-160808-110T	11±25%	100	0.1	600
FBM□-11-160808-170T	17±25%	100	0.1	600
FBM□-11-160808-190T	19±25%	100	0.1	600
FBM□-11-160808-280T	28±25%	100	0.2	300
FBM□-11-160808-470T	47±25%	100	0.3	300
FBM□-11-160808-500T	50±25%	100	0.3	500
FBM□-11-160808-600T	60±25%	100	0.3	300
FBM□-11-160808-700T	70±25%	100	0.3	300
FBM□-11-160808-800T	80±25%	100	0.3	300
FBM□-11-160808-900T	90±25%	100	0.3	300
FBM□-11-160808-101T	100±25%	100	0.3	200
FBM□-11-160808-121T	120±25%	100	0.3	200
FBM□-11-160808-151T	150±25%	100	0.4	200
FBM□-11-160808-181T	180±25%	100	0.4	200
FBM□-11-160808-221T	220±25%	100	0.4	200
FBM□-11-160808-241T	240±25%	100	0.4	200
FBM□-11-160808-301T	300±25%	100	0.5	200
FBM□-11-160808-401T	400±25%	100	0.5	200
FBM□-11-160808-421T	420±25%	100	0.5	200
FBM□-11-160808-471T	470±25%	100	0.5	200
FBM□-11-160808-501T	500±25%	100	0.5	200
FBM□-11-160808-601T	600±25%	100	0.6	200
FBM□-11-160808-701T	700±25%	100	0.7	200
FBM□-11-160808-751T	750±25%	100	0.7	200
FBM□-11-160808-801T	800±25%	100	0.7	200
FBM□-11-160808-102T	1000±25%	100	1.0	100
FBM□-11-160808-122T	1200±25%	100	1.0	100



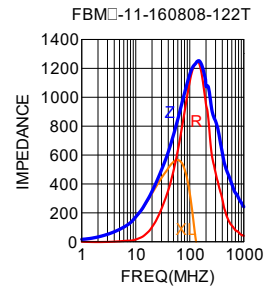
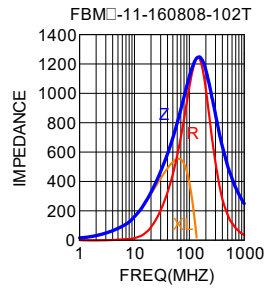
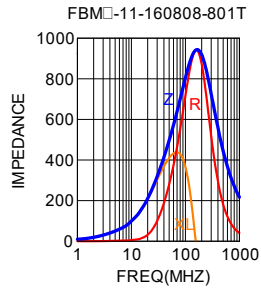
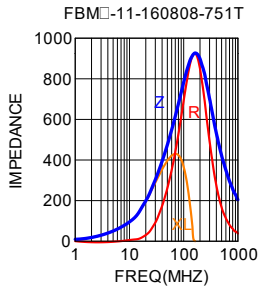
※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-11-160808 : Standard Type



※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-11-160808 : Standard Type



※IDC: Based on Temperature increase 40°C

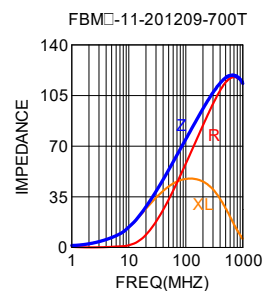
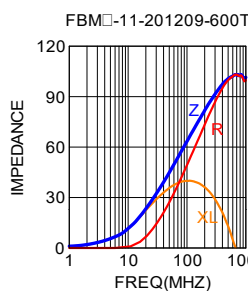
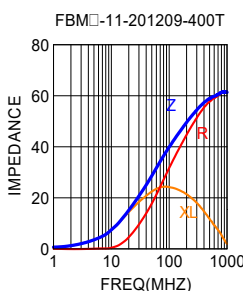
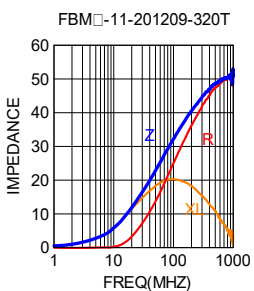
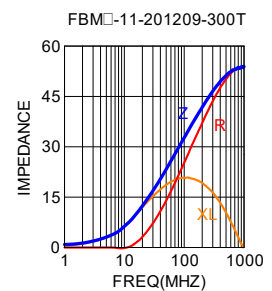
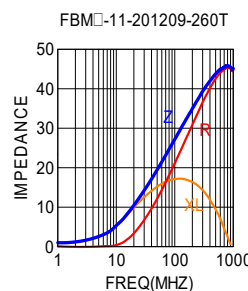
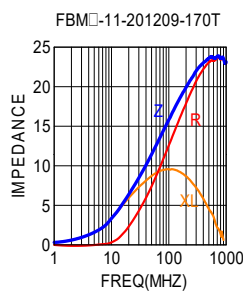
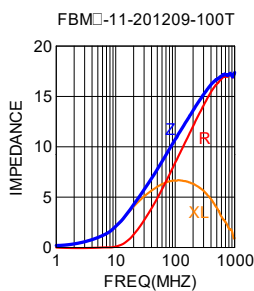
※Operating temperature range : -55 to +125°C (including self-heating)

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

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

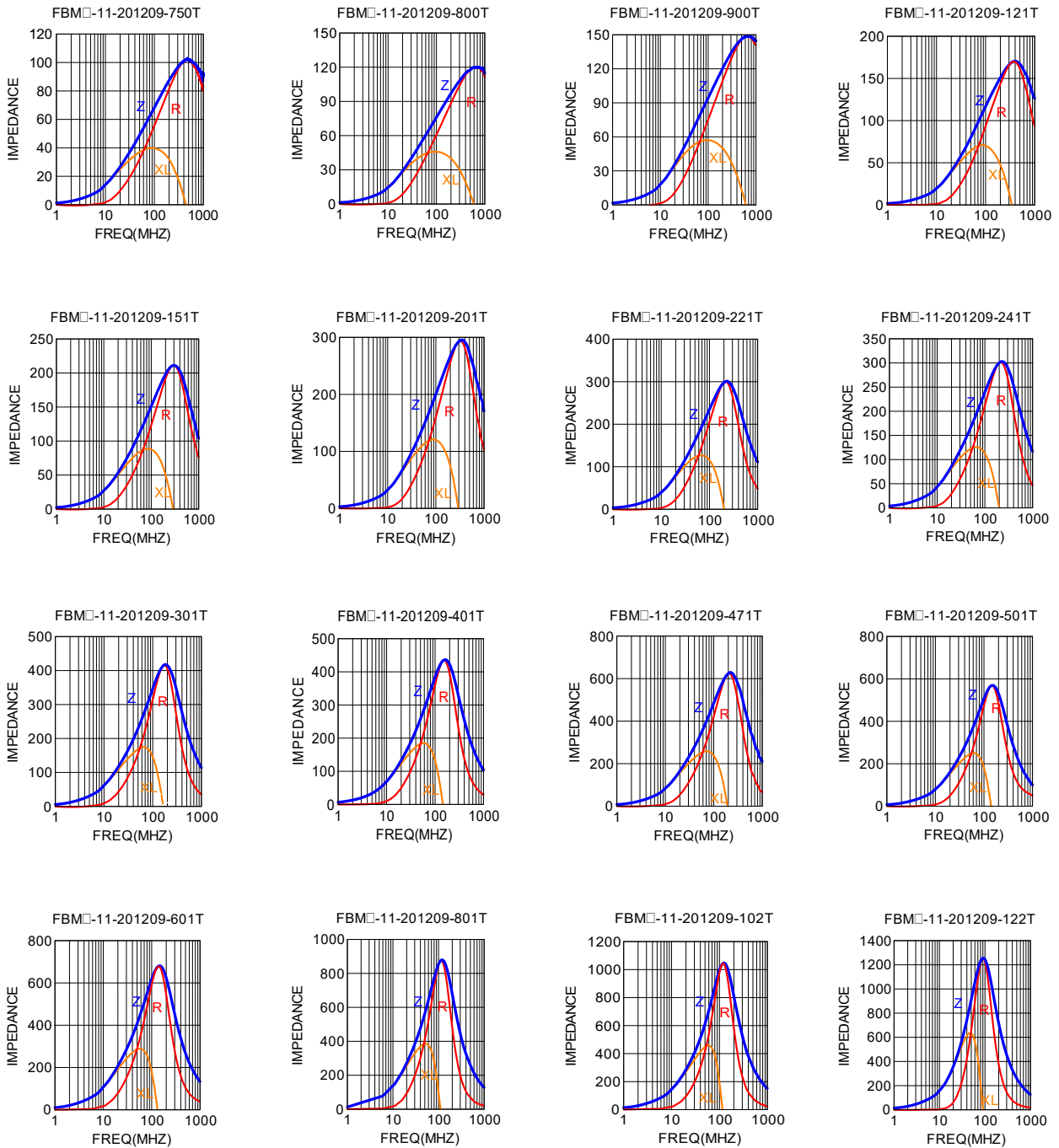
ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	IDC (mA)max
FBM□-11-201209-100T	10±25%	100	0.1	600
FBM□-11-201209-170T	17±25%	100	0.1	600
FBM□-11-201209-260T	26±25%	100	0.1	600
FBM□-11-201209-300T	30±25%	100	0.15	500
FBM□-11-201209-320T	32±25%	100	0.15	500
FBM□-11-201209-400T	40±25%	100	0.3	300
FBM□-11-201209-600T	60±25%	100	0.3	400
FBM□-11-201209-700T	70±25%	100	0.3	400
FBM□-11-201209-750T	75±25%	100	0.3	400
FBM□-11-201209-800T	80±25%	100	0.3	400
FBM□-11-201209-900T	90±25%	100	0.3	300
FBM□-11-201209-121T	120±25%	100	0.3	300
FBM□-11-201209-151T	150±25%	100	0.4	300
FBM□-11-201209-201T	200±25%	100	0.4	300
FBM□-11-201209-221T	220±25%	100	0.4	300
FBM□-11-201209-241T	240±25%	100	0.4	200
FBM□-11-201209-301T	300±25%	100	0.4	200
FBM□-11-201209-401T	400±25%	100	0.5	200
FBM□-11-201209-471T	470±25%	100	0.5	200
FBM□-11-201209-501T	500±25%	100	0.5	200
FBM□-11-201209-601T	600±25%	100	0.6	200
FBM□-11-201209-801T	800±25%	100	0.7	150
FBM□-11-201209-102T	1000±25%	100	0.8	200
FBM□-11-201209-122T	1200±25%	100	0.8	200



※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

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



※IDC: Based on Temperature increase 40°C

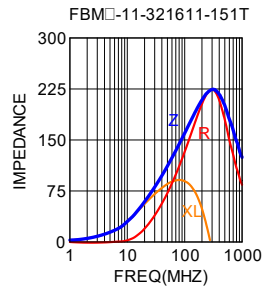
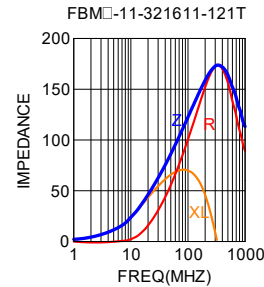
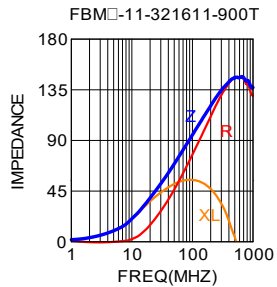
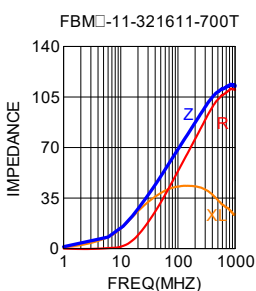
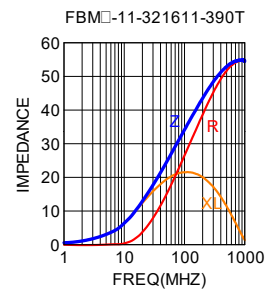
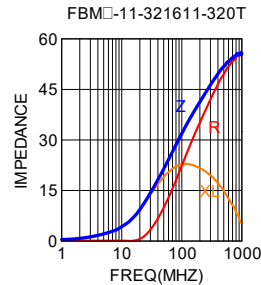
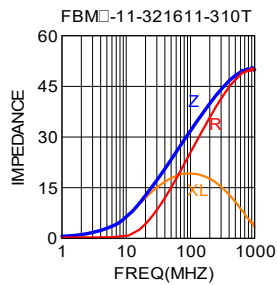
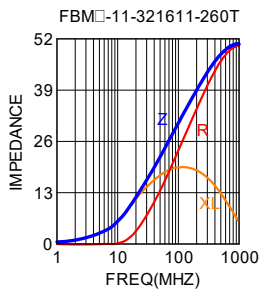
※Operating temperature range : -55 to +125°C (including self-heating)

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-11-321611 : Standard Type

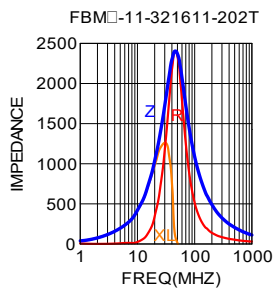
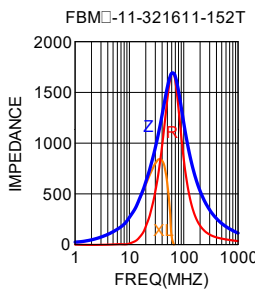
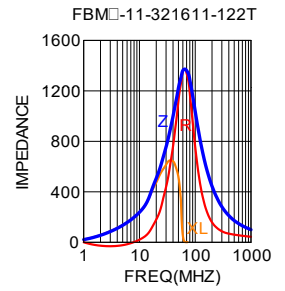
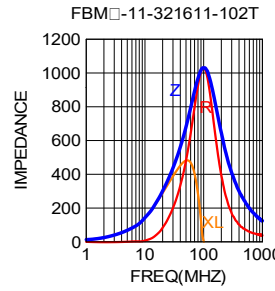
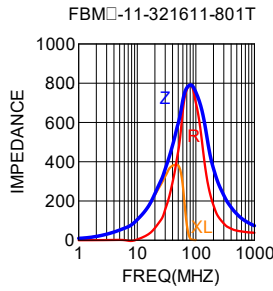
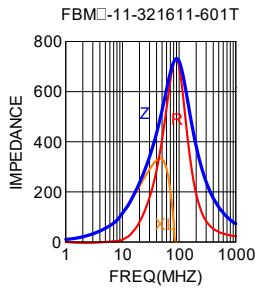
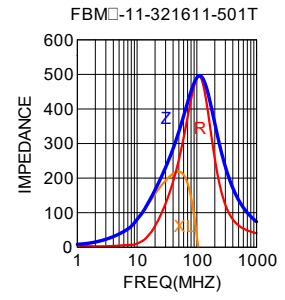
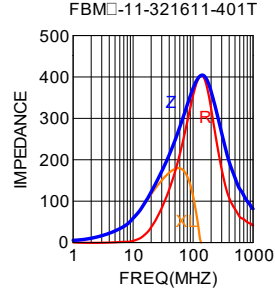
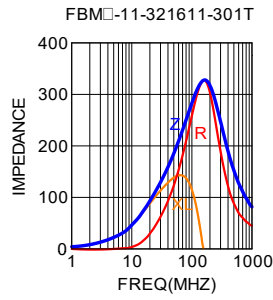
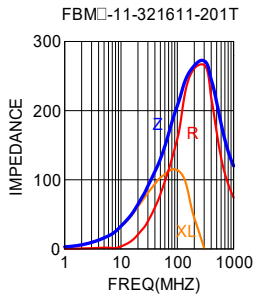
ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	IDC (mA)max
FBM□-11-321611-260T	26±25%	100	0.15	500
FBM□-11-321611-310T	31±25%	100	0.15	500
FBM□-11-321611-320T	32±25%	100	0.15	500
FBM□-11-321611-390T	39±25%	100	0.3	500
FBM□-11-321611-700T	70±25%	100	0.3	500
FBM□-11-321611-900T	90±25%	100	0.3	400
FBM□-11-321611-121T	120±25%	100	0.3	400
FBM□-11-321611-151T	150±25%	100	0.4	400
FBM□-11-321611-201T	200±25%	100	0.4	400
FBM□-11-321611-301T	300±25%	100	0.5	300
FBM□-11-321611-401T	400±25%	100	0.5	300
FBM□-11-321611-501T	500±25%	100	0.5	300
FBM□-11-321611-601T	600±25%	100	0.6	200
FBM□-11-321611-801T	800±25%	100	0.7	150
FBM□-11-321611-102T	1000±25%	100	0.8	200
FBM□-11-321611-122T	1200±25%	50	0.9	100
FBM□-11-321611-152T	1500±25%	50	0.9	100
FBM□-11-321611-202T	2000±25%	30	1.2	100



※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MULTILAYER CHIP BEADS → FBM□-11-321611 : Standard Type



※IDC:Based on Temperature increase 40°C

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

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.