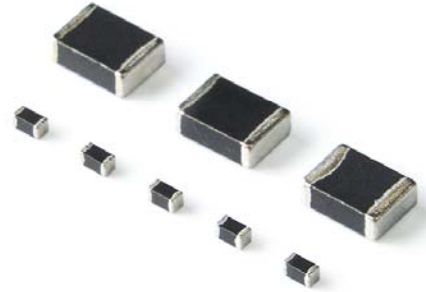


# SPECIFICATION OF FBM□-□□□□\_A□□ SERIES

## APPLICATIONS

1. EMI suppression for various electric equipment by the addition of impedance to the circuit.
2. It is particularly 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 - 451616 - 600 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

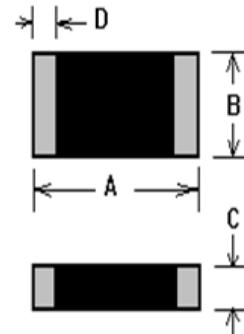
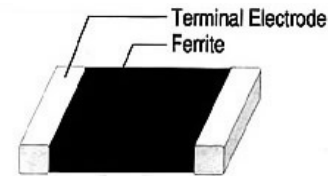
### (5) A□□ MEANS HIGH CURRENT RATING

Example : A10 means 1000mA

A08 means 800mA

### (6) R : SPECIAL DCR CODE

### (7) TAPING



## SHAPE & DIMENSIONS

UNIT:mm (inch)

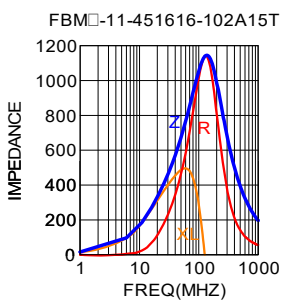
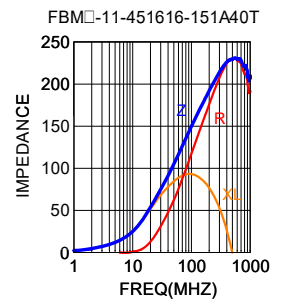
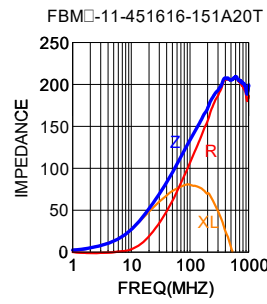
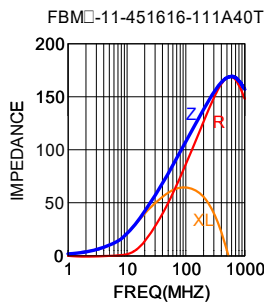
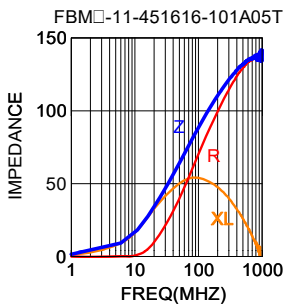
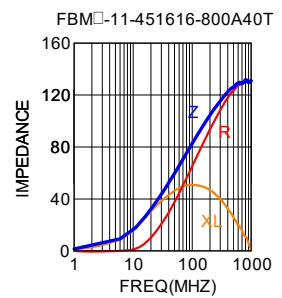
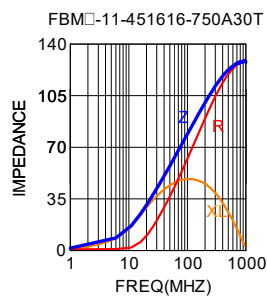
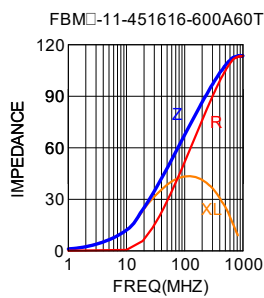
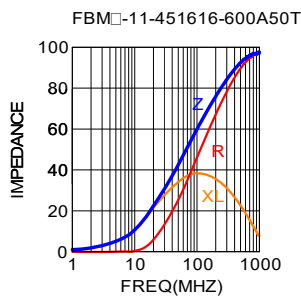
SIZE CODE	A	B	C	D
FBM□-11-100505 (0402)	1.00±0.10 (0.040±0.004)	0.50±0.10 (0.020±0.004)	0.50±0.10 (0.020±0.004)	0.25±0.10 (0.010±0.004)
FBM□-11-160808 (0603)	1.60±0.20 (0.063±0.008)	0.80±0.20 (0.031±0.008)	0.80±0.20 (0.031±0.008)	0.30±0.20 (0.012±0.008)
FBM□-11-201209 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20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

※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□-11-451616 : High Current Standard Type

## ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	IDC (mA)max
FBM□-11-451616-600A50T	60±25%	100	0.020	5000
FBM□-11-451616-600A60T	60±25%	100	0.010	6000
FBM□-11-451616-750A30T	75±25%	100	0.040	3000
FBM□-11-451616-800A40T	80±25%	100	0.030	4000
FBM□-11-451616-101A05T	100±25%	100	0.300	500
FBM□-11-451616-111A40T	110±25%	100	0.035	4000
FBM□-11-451616-151A20T	150±25%	100	0.100	2000
FBM□-11-451616-151A40T	150±25%	100	0.035	4000
FBM□-11-451616-102A15T	1000±25%	100	0.090	1500



※IDC:Based on Temperature increase 40°C

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

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