

SPECIFICATION OF FBM□-10 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□-10 series can minimize attenuation of the signal wave form for high speed signal due to its sharp impedance characteristics.
This is much lower impedance in frequency range low than 100 MHz.



ORDERING CODE

FBM□ - 10 - 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

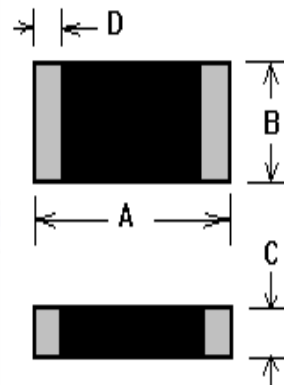
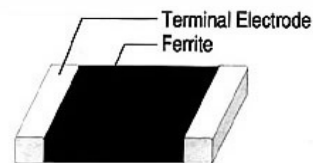
(3) SIZE CODE

See Following Table

(4) IMPEDANCE VALUE CODE

Example : 121=120Ω , 280=28Ω

(5) TAPING



SHAPE & DIMENSIONS

UNIT:mm (inch)

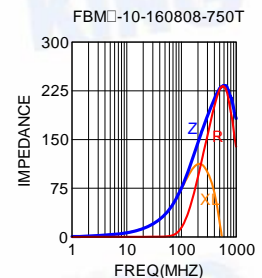
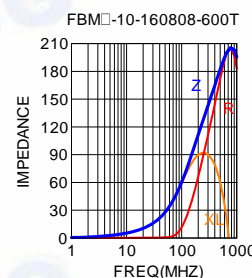
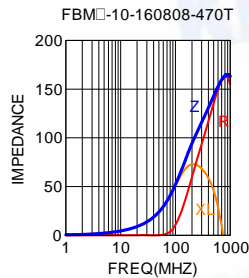
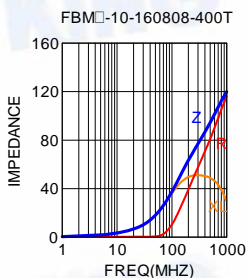
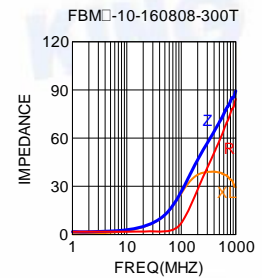
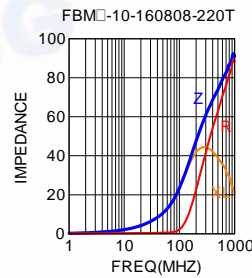
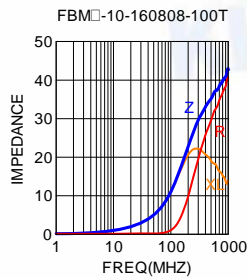
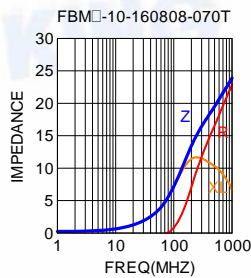
| SIZE CODE | A | B | C | D |
|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| FBM□-10-100505 (0402) | 1.00±0.10 (0.040±0.004) | 0.50±0.10 (0.020±0.004) | 0.50±0.10 (0.020±0.004) | 0.25±0.10 (0.010±0.004) |
| FBM□-10-160808 (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□-10-201209 (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□-10-321611 (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□-10-160808 : High Frequency Type

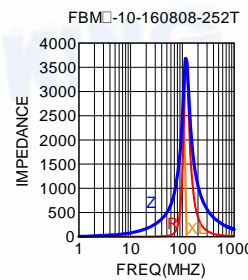
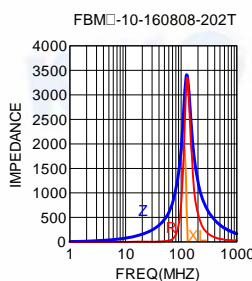
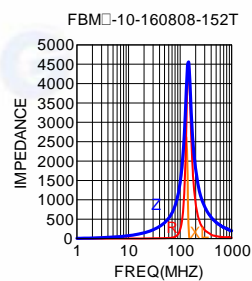
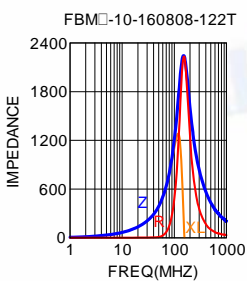
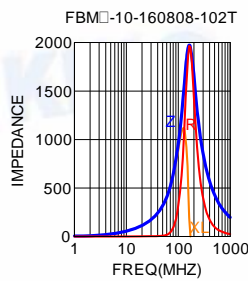
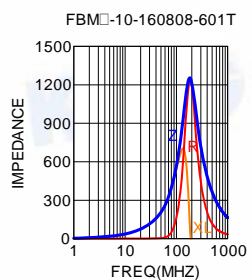
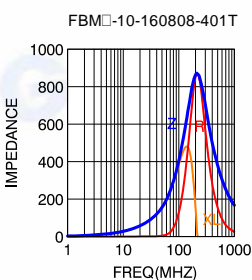
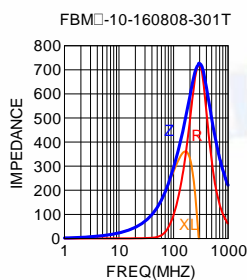
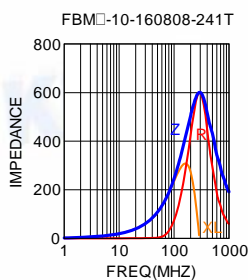
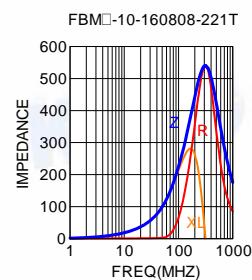
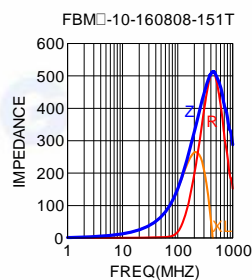
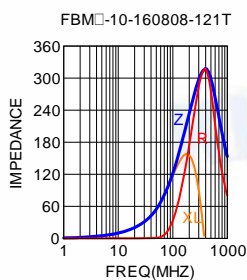
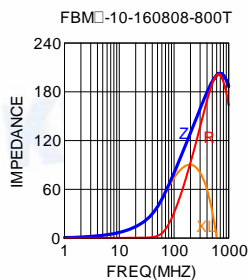
ELECTRICAL CHARACTERISTICS

| ORDERING CODE | Impedance (Ω) | Test Frequency (MHz) | DC Resistance (Ω)max | Rated Current (mA)max |
|---------------------|---------------|----------------------|----------------------|-----------------------|
| FBM□-10-160808-070T | 7±25% | 100 | 0.1 | 600 |
| FBM□-10-160808-100T | 10±25% | 100 | 0.1 | 500 |
| FBM□-10-160808-220T | 22±25% | 100 | 0.3 | 300 |
| FBM□-10-160808-300T | 30±25% | 100 | 0.3 | 300 |
| FBM□-10-160808-400T | 40±25% | 100 | 0.3 | 300 |
| FBM□-10-160808-470T | 47±25% | 100 | 0.3 | 300 |
| FBM□-10-160808-600T | 60±25% | 100 | 0.3 | 300 |
| FBM□-10-160808-750T | 75±25% | 100 | 0.3 | 300 |
| FBM□-10-160808-800T | 80±25% | 100 | 0.3 | 300 |
| FBM□-10-160808-121T | 120±25% | 100 | 0.3 | 200 |
| FBM□-10-160808-151T | 150±25% | 100 | 0.4 | 200 |
| FBM□-10-160808-221T | 220±25% | 100 | 0.4 | 200 |
| FBM□-10-160808-241T | 240±25% | 100 | 0.4 | 200 |
| FBM□-10-160808-301T | 300±25% | 100 | 0.5 | 200 |
| FBM□-10-160808-401T | 400±25% | 100 | 0.5 | 200 |
| FBM□-10-160808-601T | 600±25% | 100 | 0.6 | 200 |
| FBM□-10-160808-100T | 1000±25% | 100 | 1.0 | 100 |
| FBM□-10-160808-122T | 1200±25% | 100 | 1.0 | 100 |
| FBM□-10-160808-152T | 1500±25% | 100 | 1.5 | 100 |
| FBM□-10-160808-202T | 2000±25% | 100 | 1.5 | 100 |
| FBM□-10-160808-252T | 2500±25% | 100 | 1.5 | 50 |



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