

## Type BMB-B Series

### Key Features

- Effective EMI Protection
- Wide Frequency Characteristics
- High Soldering Heat Resistance
- Various Package Sizes Available
- Suited to a Variety of Applications



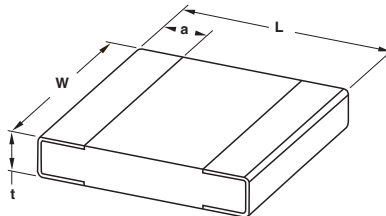
These beads are designed for high speed applications. The BMB-B Series will minimise the attenuation of the signal wave form due to its sharp impedance characteristics.

This series is offered in 04:02, 06:03 and 08:05 package sizes.

### Specifications

| Part Number  | Impedance (ohms) at 100MHz ( $\pm 25\%$ ) | DC Resistance (ohms) maximum | Rated Current (mA) maximum |
|--------------|---|------------------------------|----------------------------|
| BMB1E0120BN3 | 120                                       | 0.4                          | 300                        |
| BMB1E0220BN3 | 220                                       | 0.6                          |                            |
| BMB1E0300BN3 | 300                                       | 0.8                          |                            |
| BMB1J0030BN3 | 30  | 0.4                          | 250                        |
| BMB1J0070BN3 | 70  |                              | 200                        |
| BMB1J0120BN3 | 120                                       |                              |                            |
| BMB1J0240BN3 | 240                                       | 0.5                          |                            |
| BMB1J0300BN3 | 300                                       |                              | 200                        |
| BMB1J0420BN3 | 420                                       |                              |                            |
| BMB1J0600BN3 | 600                                       | 0.6                          | 100                        |
| BMB2A0007BN3 | 7   | 0.1                          | 300                        |
| BMB2A0030BN3 | 30  | 0.2                          |                            |
| BMB2A0070BN3 | 70  | 0.4                          |                            |
| BMB2A0100BN3 | 100                                       |                              | 200                        |
| BMB2A0120BN3 | 120                                       |                              |                            |
| BMB2A0200BN3 | 200                                       | 0.5                          |                            |
| BMB2A0300BN3 | 300                                       |                              |                            |
| BMB2A0450BN3 | 450                                       |                              |                            |
| BMB2A0600BN3 | 600                                       | 0.6                          | 200                        |
| BMB2A0750BN3 | 750                                       | 0.7                          |                            |
| BMB2A1000BN3 | 1000                                      | 0.8                          |                            |

### Chip Dimensions

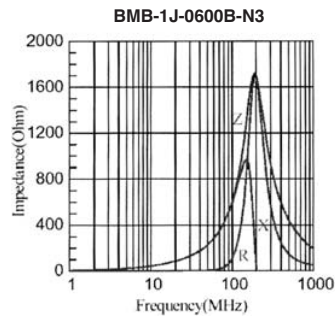
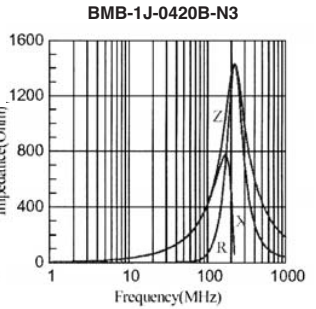
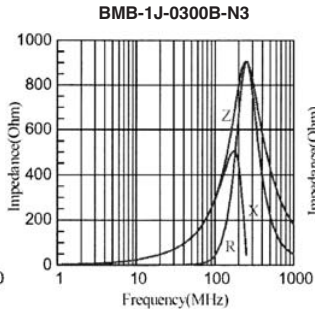
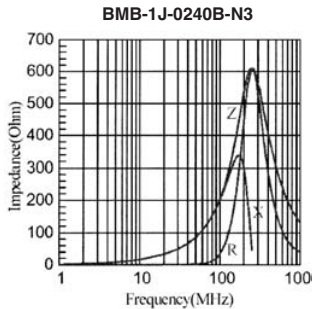
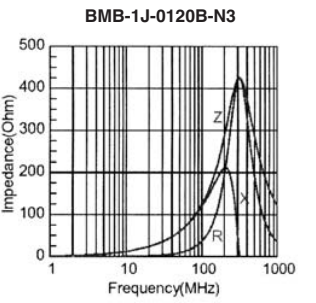
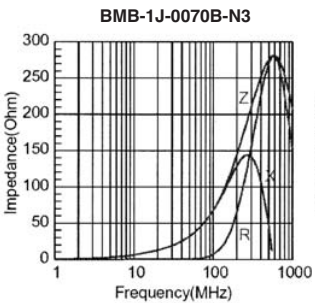
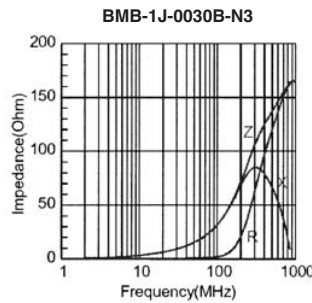
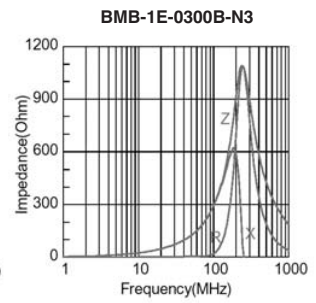
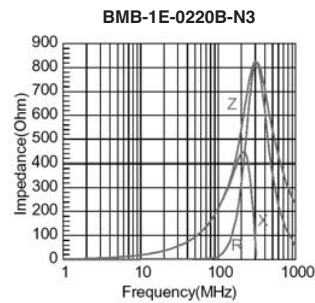
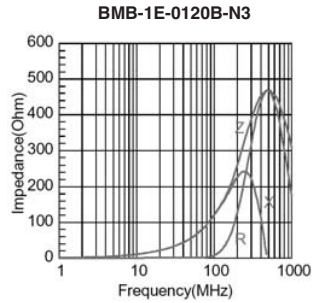


| Size | Code | L              | W              | t              | a               |
|------|------|----------------|----------------|----------------|-----------------|
| 0402 | 1E   | 1.0 $\pm 0.10$ | 0.5 $\pm 0.10$ | 0.5 $\pm 0.10$ | 0.25 $\pm 0.10$ |
| 0603 | 1J   | 1.6 $\pm 0.15$ | 0.8 $\pm 0.15$ | 0.8 $\pm 0.15$ | 0.3 $\pm 0.20$  |
| 0805 | 2A   | 2.0 $\pm 0.20$ | 1.2 $\pm 0.20$ | 0.9 $\pm 0.20$ | 0.5 $\pm 0.30$  |

Operating Temperature Range: -55°C to +125°C

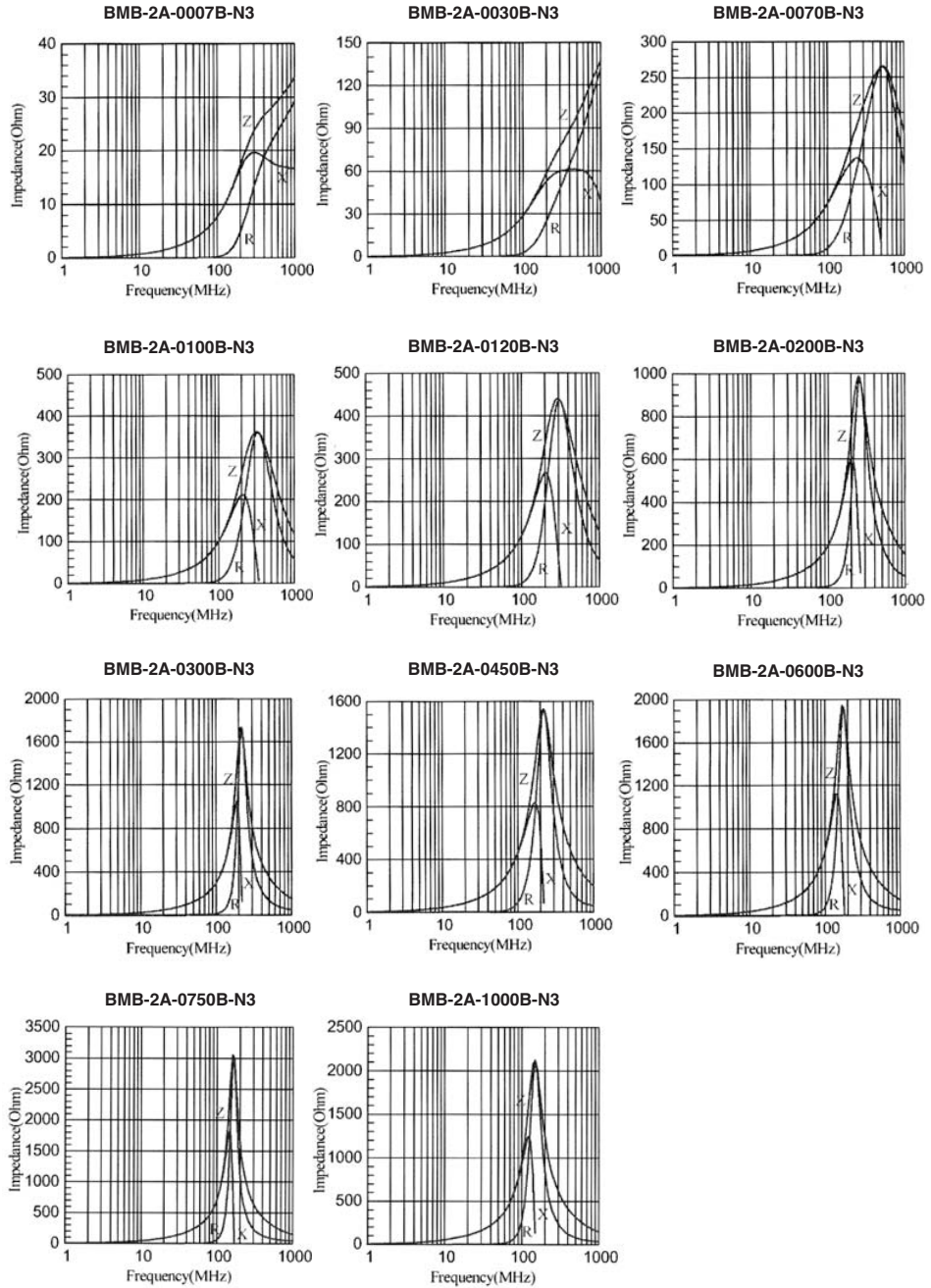
## Type BMB-B Series

### Characteristic Curves



**Type BMB-B Series**

**Characteristic Curves (continued)**



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