

## 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 (±25%)	DC Resistance (ohms) maximum	Rated Current (mA) maximum	
BMB1E0120BN3	120	0.4	300	
BMB1E0220BN3	220	0.6		
BMB1E0300BN3	300	0.8		
BMB1J0030BN3	30	0.3	250	
BMB1J0070BN3	70	0.4		
BMB1J0120BN3	120			
BMB1J0240BN3	240			
BMB1J0300BN3	300	0.5	100	
BMB1J0420BN3	420		200	
BMB1J0600BN3	600		100	
BMB2A0007BN3	7	0.1	300	
BMB2A0030BN3	30	0.2		
BMB2A0070BN3	70	0.4		
BMB2A0100BN3	100			
BMB2A0120BN3	120			
BMB2A0200BN3	200	0.5	200	
BMB2A0300BN3	300			
BMB2A0450BN3	450			
BMB2A0600BN3	600			0.6
BMB2A0750BN3	750			0.7
BMB2A1000BN3	1000			0.8

### Chip Dimensions



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

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

## Type BMB-B Series

### Characteristic Curves



**Type BMB-B Series**

**Characteristic Curves (continued)**



TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.  
 Other logos, product and Company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this datasheet, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this datasheet are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.