

Type BMB-A Series

Type BMB-A Series



The BMB-A Series of beads cover a wide range of impedance characteristics. The chip beads have a monolithic organic material construction that minimises the effect of electromagnetic interference. These are high loss types for general use. This series is offered in 04:02, 06:03, 08:05, 12:06, 12:10, 18:06 and 18:12 package sizes.

Key Features

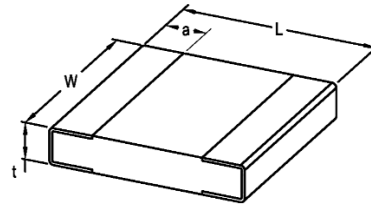
- **Effective EMI Protection**
- **Wide Frequency Characteristics**
- **High Soldering Heat Resistance**
- **Various Package Sizes Available**
- **Suited to a Variety of Applications**

Specifications

Part Number	Impedance (ohms) at 100MHz (±25%)	DC Resistance (ohms) maximum	Rated Current (mA) maximum
BMB1E0030AN2	30	0.2	300
BMB1E0060AN2	60	0.3	
BMB1E0120AN2	120	0.4	
BMB1E0240AN2	240	0.6	200
BMB1E0300AN2	300	0.7	
BMB1E0470AN2	470	0.8	
BMB1E0600AN2	600	1.0	
BMB1J0030AN2	30	0.2	400
BMB1J0040AN2	40		
BMB1J0060AN2	60		0.4
BMB1J0080AN2	80		
BMB1J0100AN2	100	0.5	
BMB1J0120AN2	120		
BMB1J0180AN2	180		
BMB1J0220AN2	220		
BMB1J0240AN2	240		
BMB1J0300AN2	300	0.7	150
BMB1J0450AN2	450		
BMB1J0600AN1	600	1.0	100
BMB1J0600AN2	600		
BMB1J01000AN2	1000		
BMB2A0010AN1	10	0.1	600
BMB2A0017AN2	17		
BMB2A0030AN1	30		0.3
BMB2A0080AN4	80		
BMB2A0120AN1			
BMB2A0120AN2	120		
BMB2A0120AN4		0.5	250
BMB2A0150AN1	150		
BMB2A0220AN4	220		
BMB2A0300AN1	300		
BMB2A0400AN2	400	0.6	200
BMB2A0600AN1	600		
BMB2A0600AN2		0.8	100
BMB2A0600AN4			
BMB2A1000AN4	1000		
BMB2A1200AN4	1200		
BMB2A1500AN4	1500	1.0	
BMB2A2000AN4	2000		
BMB2A2200AN4	2200	1.5	
BMB2A2700AN4	2700		
BMB2B0026AN1	26	0.2	600
BMB2B0031AN2	31		
BMB2B0050AN2	50		0.3
BMB2B0070AN2	70		
BMB2B0090AN2	90		
BMB2B0120AN4	120		
BMB2B0150AN4	150	0.4	400
BMB2B0220AN4	220		
BMB2B0400AN4	400		
BMB2B0500AN1	500	0.5	250
BMB2B0600AN1	600		
BMB2B0600AN2		0.7	200
BMB2B1200AN2	1200 @ 50MHz		
BMB2B1500AN2	1500 @ 50MHz		
BMB2B2000AN2	2000 @ 30MHz		
BMB2E0052AN1	52	0.3	300
BMB2E0060AN2	60		
BMB2G0052AN1	52	0.3	300
BMB2G0060AN2	60		
BMB2G0080AN1	80		
BMB2G0125AN2	125	0.5	
BMB2G0150AN2	150		
BMB2J0120AN1	120	0.5	300
BMB2J0125AN2	125		

Type BMB-A Series

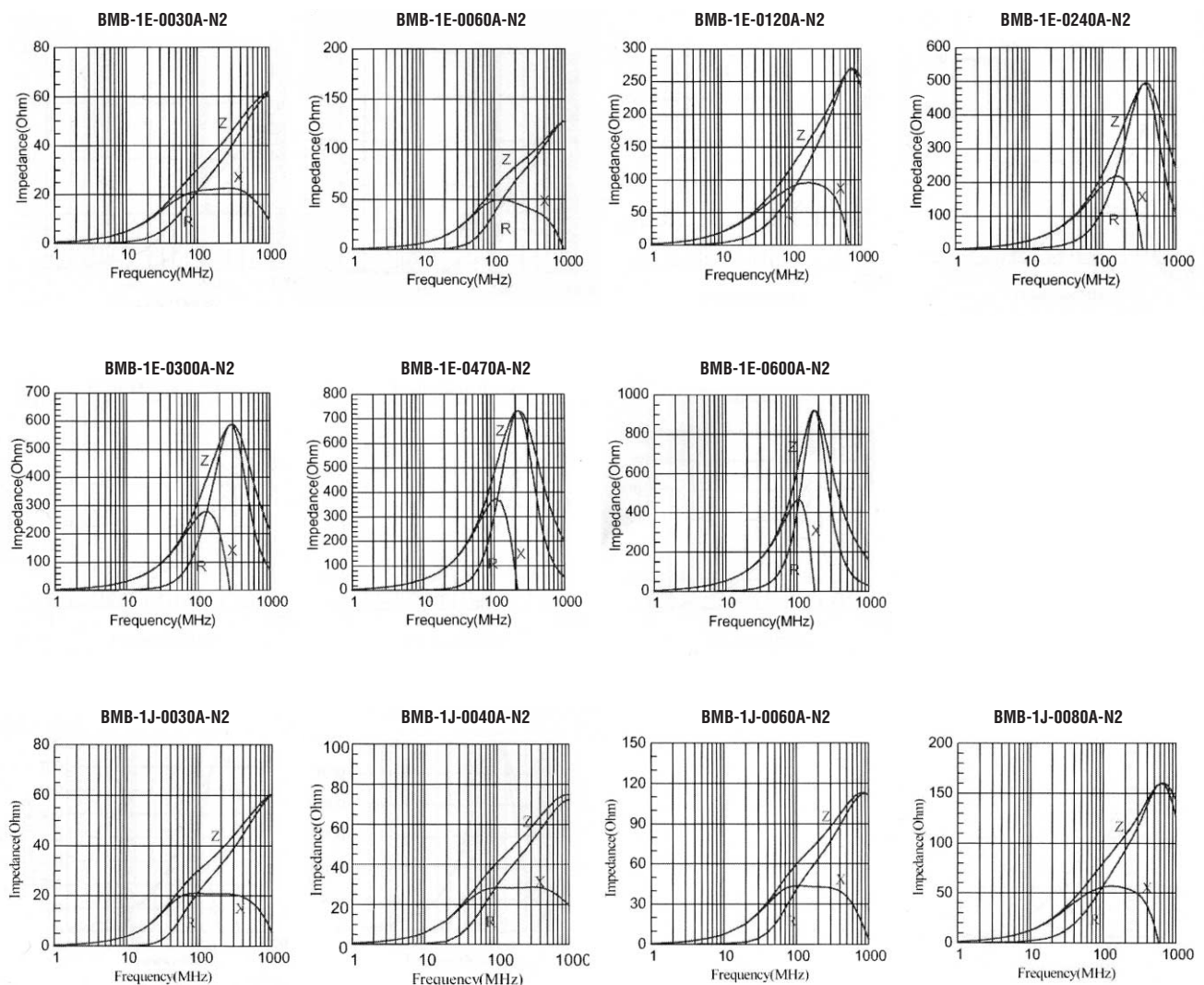
Chip Dimensions



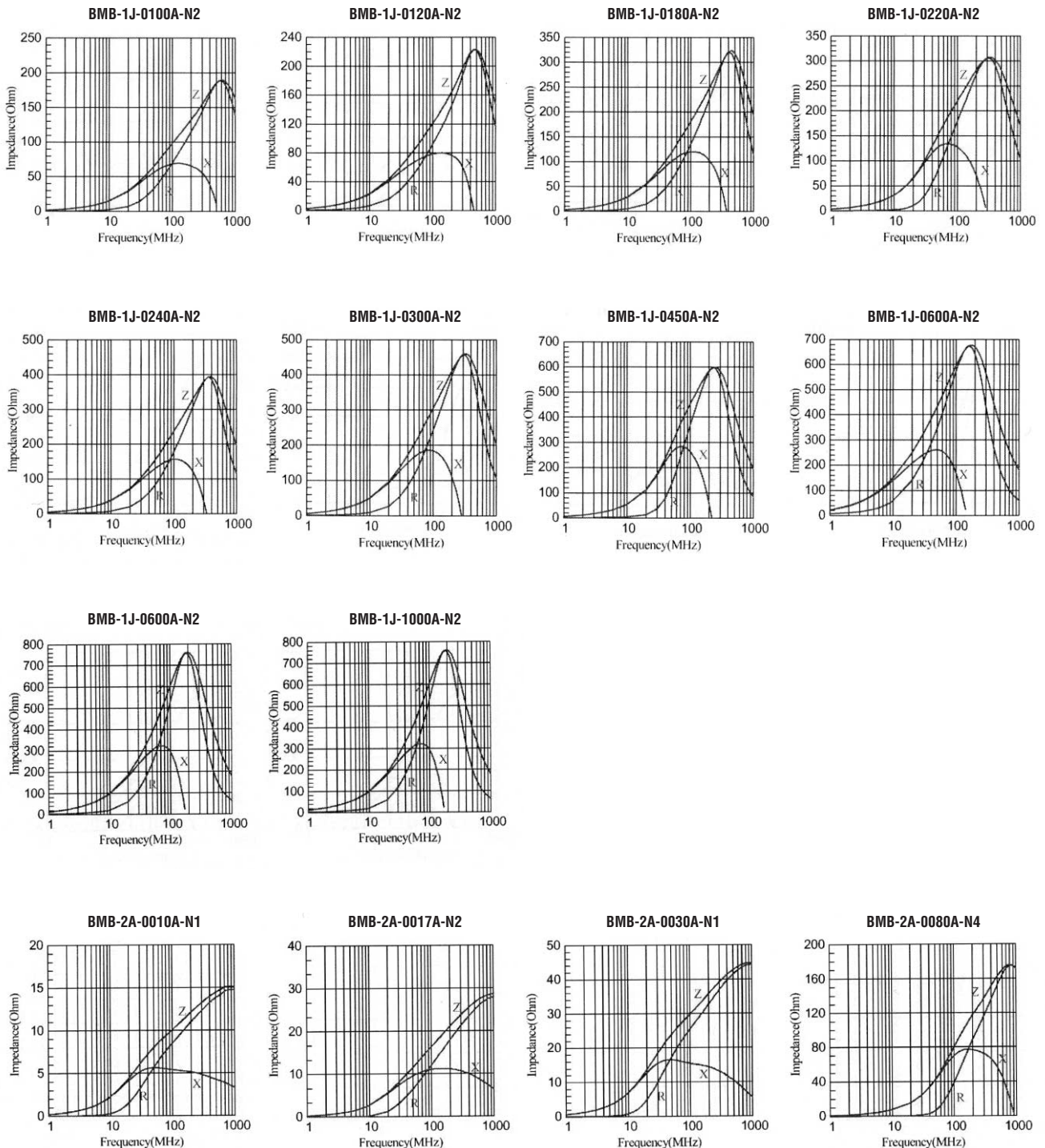
Size	Code	L	W	t	a
0402	1E	1.0 ±0.10	0.5 ±0.10	0.5 ±0.10	0.25 ±0.10
0603	1J	1.6 ±0.15	0.8 ±0.15	0.8 ±0.15	0.3 ±0.20
0805	2A	2.0 ±0.20	1.2 ±0.20	0.9 ±0.20	0.5 ±0.30
1206	2B	3.2 ±0.20	1.6 ±0.20	1.1 ±0.20	0.5 ±0.30
1210	2E	3.2 ±0.20	2.5 ±0.20	1.3 ±0.20	0.5 ±0.30
1806	2G	4.5 ±0.20	1.6 ±0.20	1.6 ±0.20	0.5 ±0.30
1812	2J	4.5 ±0.20	3.2 ±0.20	1.5 ±0.20	0.5 ±0.30

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

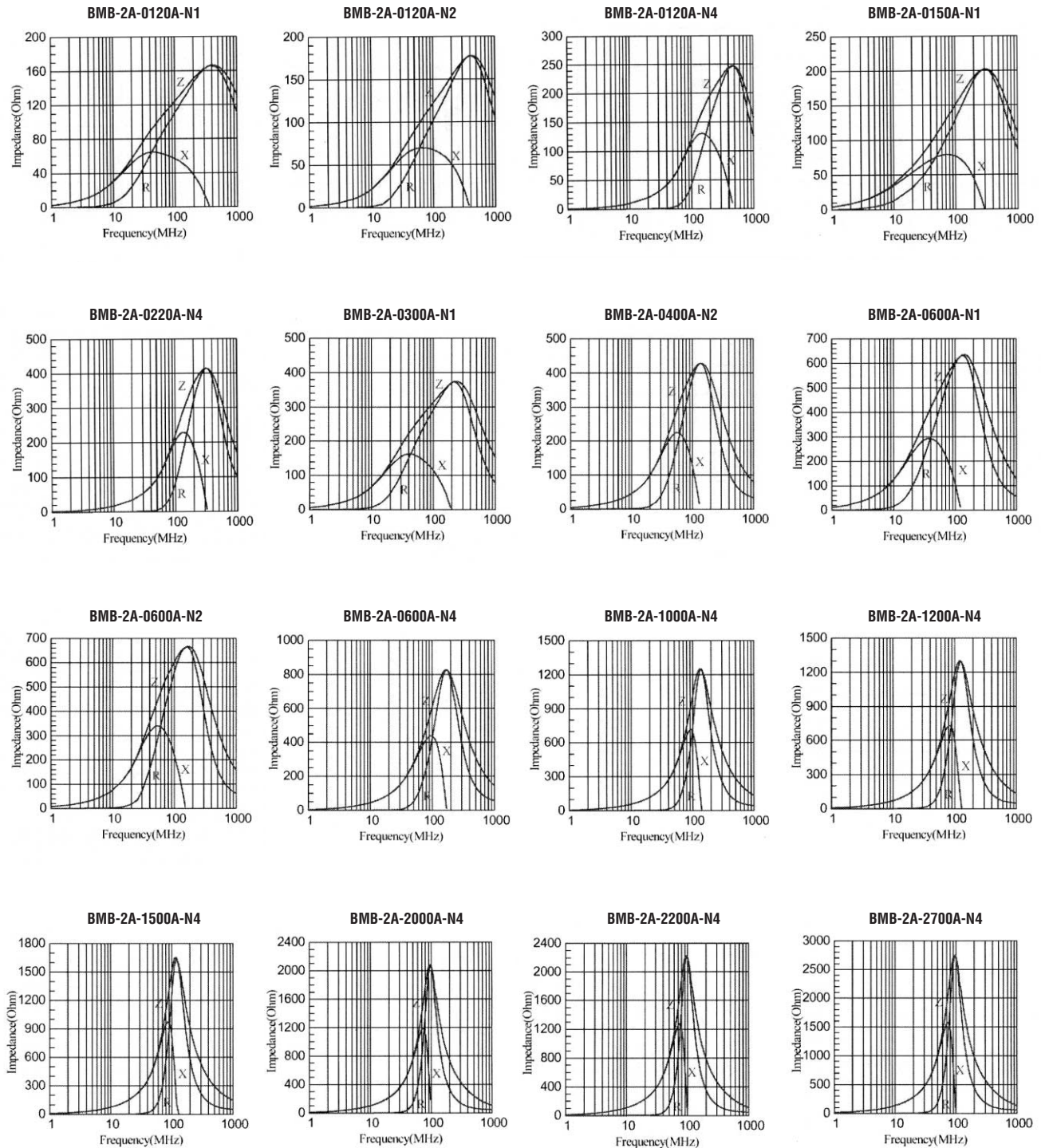
Characteristic Curves



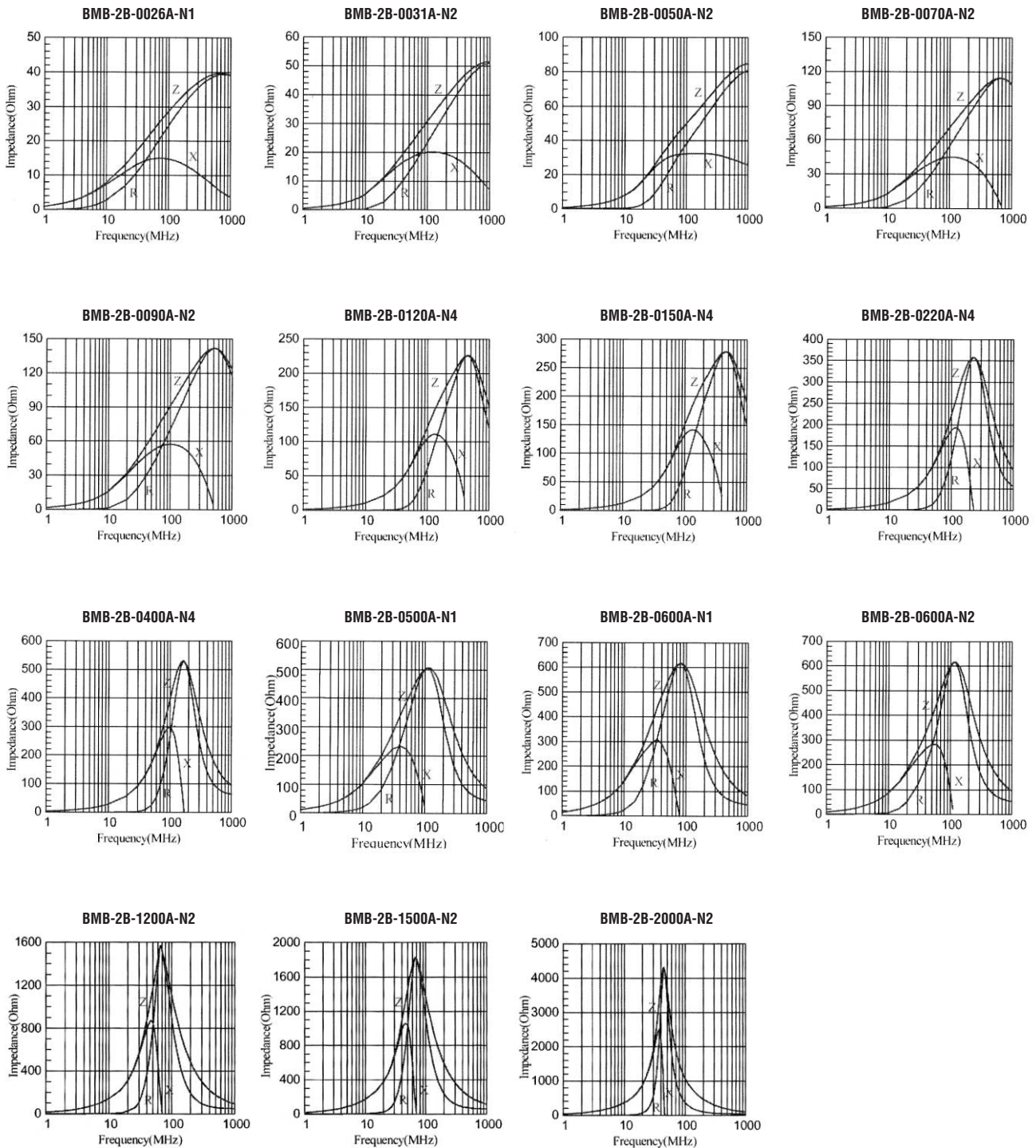
Characteristic Curves (continued)



Characteristic Curves (continued)



Characteristic Curves (continued)



Characteristic Curves (continued)

