

Type BMB-A Series

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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

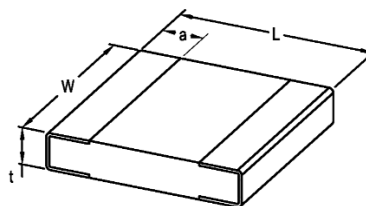
- **Effective EMI Protection**
- **Wide Frequency Characteristics**
- **High Soldering Heat Resistance**
- **Various Package Sizes Available**
- **Suited to a Variety of Applications**

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

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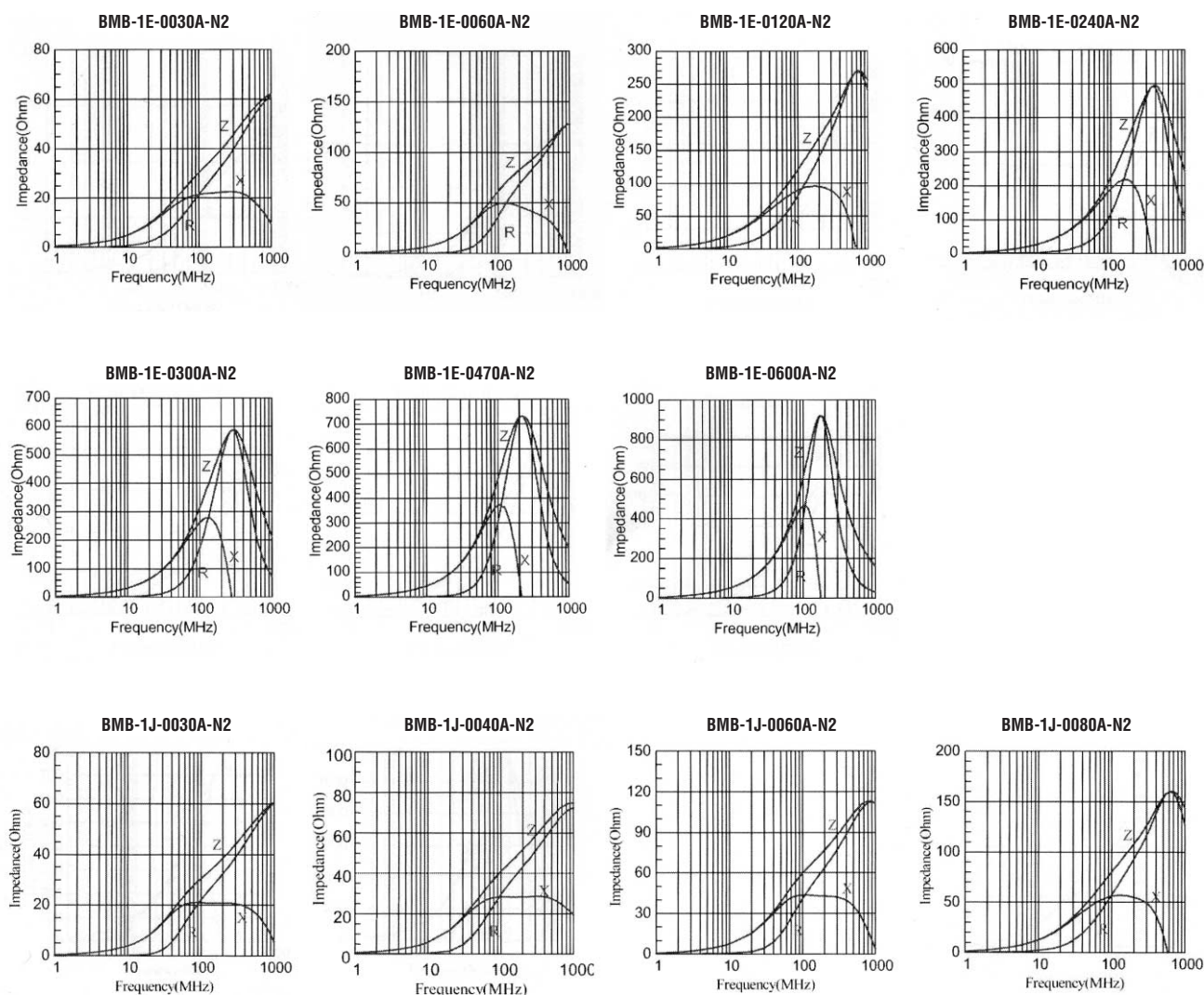
Chip Dimensions



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

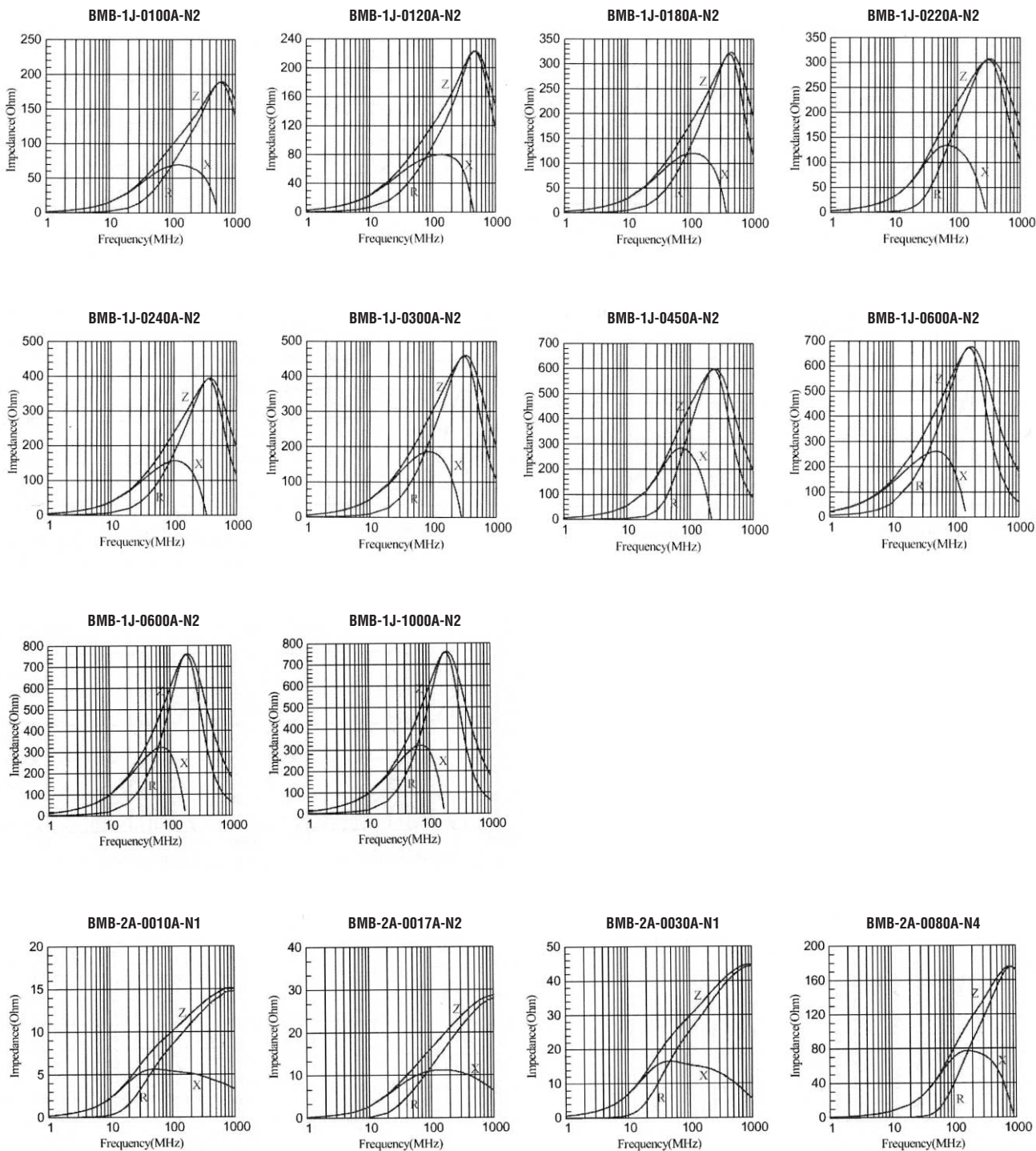
Operating Temperature Range: -55°C to +125°C

Characteristic Curves

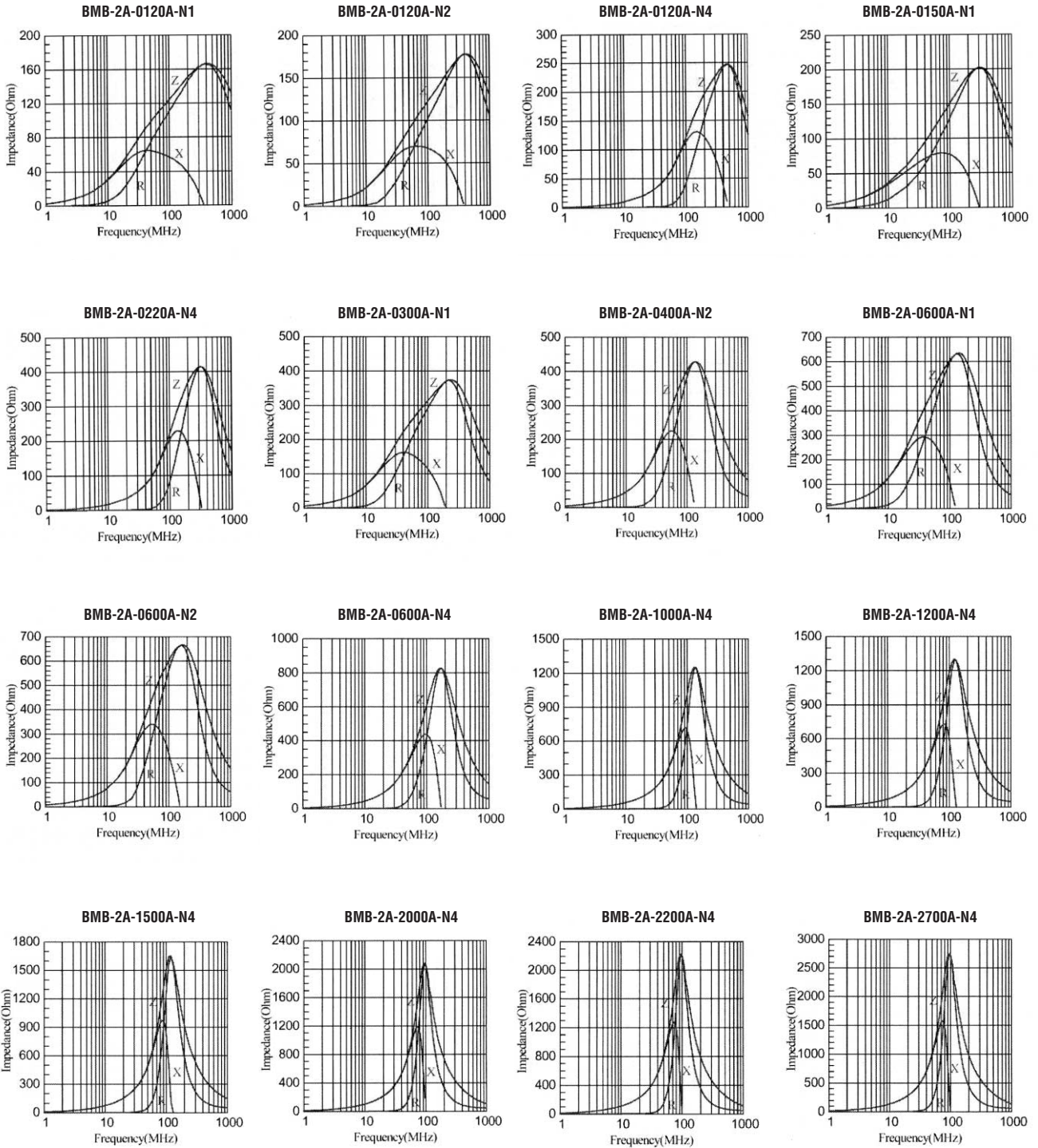


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Characteristic Curves (continued)

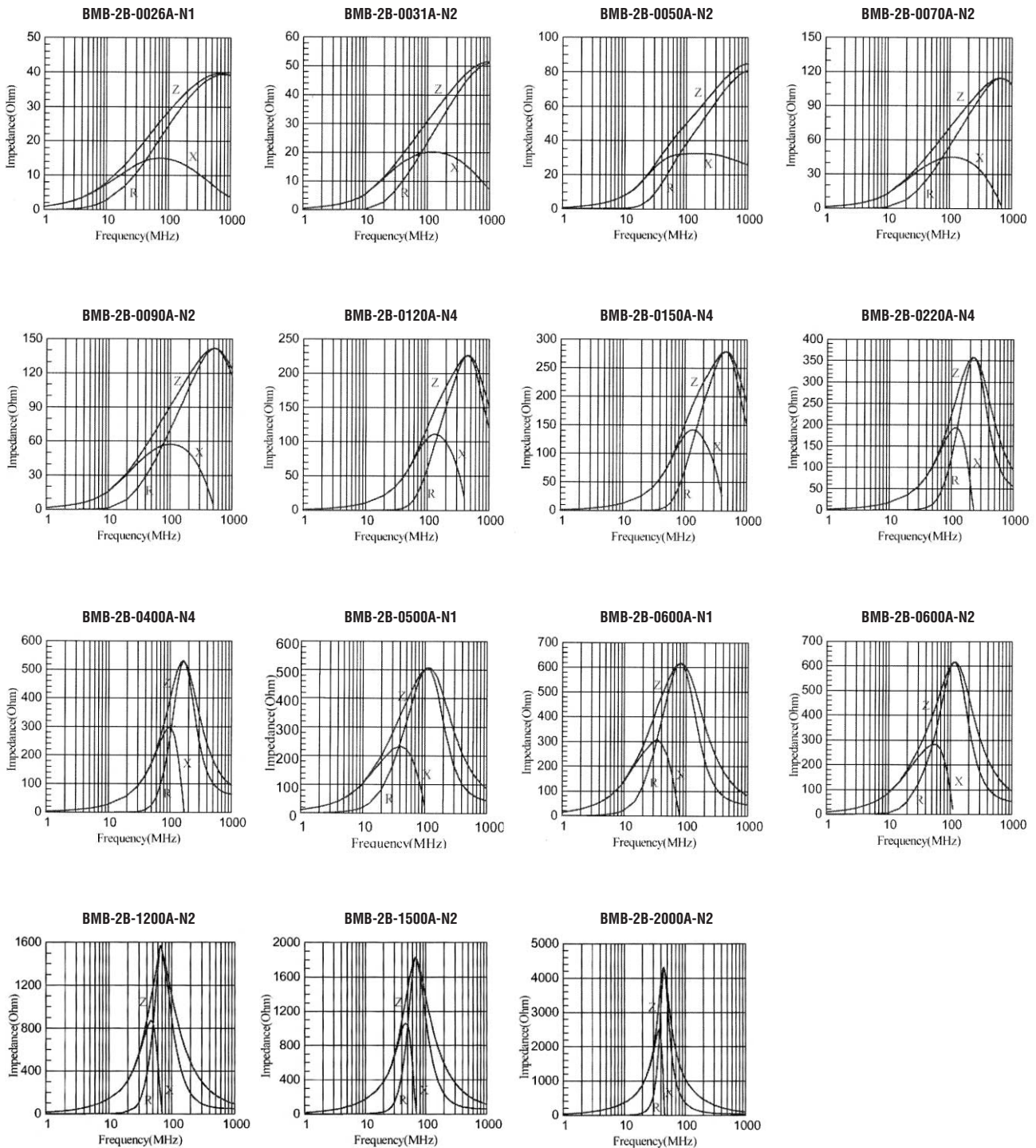


Characteristic Curves (continued)



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Characteristic Curves (continued)



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Characteristic Curves (continued)

