

Multilayer Ferrite Beads



Type BMB-R Series

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The BMB-R Series has been designed for low speed applications and specifically for use in Digital Sound circuitry and similar to prevent ringing. These chip devices have been designed to generate high impedances at low frequencies.

The R series is offered in three sizes: 06:03, 08:05 and 12:06.

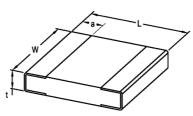
Key Features

- High Impedance at Lower Frequency
- Prevents Signal Ringing
- Wide Frequency Characteristics
- Three 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	
BMB1J0080RS2	80	0.3		
BMB1J0120RS2	120	0.4		
BMB1J0240RS2	240	0.4	200	
BMB1J0300RS2	300	0.5	-	
BMB1J0600RS2	600	0.8		
BMB2A0080RS2	80	0.2	200	
BMB2A0120RS2	120	0.3	300	
BMB2A0240RS2	240	0.4		
BMB2A0300RS2	300		000	
BMB2A0430RS2	430	0.5	200	
BMB2A0600RS2	600			
BMB2B0026RS2	26	0.2	400	
BMB2B0070RS2	70	0.3	300	
BMB2B0600RS2	600	0.9	200	

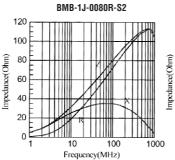
Chip Dimensions

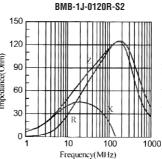


Size	L	W	t	а
0603	1.6 ±0.15	0.8 ±0.15	0.8 ±0.15	0.3 ±0.20
0805	2.0 ±0.20	1.2 ±0.20	0.9 ±0.20	0.5 ±0.30
1206	3.2 ±0.20	1.6 ±0.20	1.1 ±0.20	0.5 ±0.30

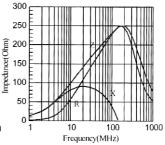
Operating Temperature Range: -55°C to +125°C

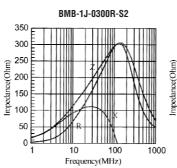
Characteristic Curves

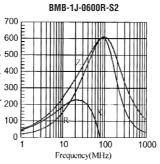




BMB-1J-0240R-S2







Literature No. 1773184 Issued: 04-05 Dimensions are shown for reference purposes only.

Dimensions are in millimetres unless otherwise specified.

Specifications subject to change. www.tycoelectronics.com passives.tycoelectronics.com

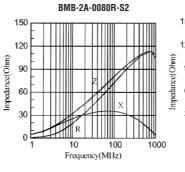


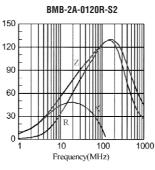
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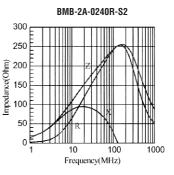


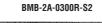
Type BMB-R Series

Characteristic Curves (continued)









350

300

250

200

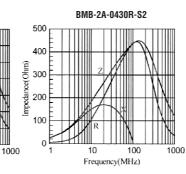
150

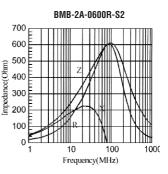
100

50

0

Impedance(Ohm)





BMB-2B-0026R-S2

10

100 Frequency(MHz)

BMB-2B-0070R-S2



1-

1000

100

