

MEGGITT SIGMA

AXIAL INDUCTORS
SMD INDUCTORS
THIN FILM PRINTED INDUCTORS
POWER CHOKES IN
RADIAL AND AXIAL STYLE

Multilayer Ferrite Beads

TYPE BMB-P SERIES



The P series of multilayer beads is suitable for use in high current circuits due to its low dc resistance. It can match power lines to a maximum of 6 amps. The P series is available in 06:03, 08:05, 12:06, 18:06 and 18:12.

MEGGITT SIGMA KEY FEATURES

- EFFECTIVE EMI PROTECTION
 - LOW DC RESISTANCE
 - HIGH CURRENT HANDLING
 - MULTIPLE SIZE PACKAGES
 - INORGANIC MATERIAL CONSTRUCTION
 - SUITED TO NOISE FILTERING APPLICATIONS
 - DESIGNED FOR USE IN MODEMS ETC....
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MEGGITT ELECTRONIC
COMPONENTS LTD

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FAX: (01793 611777)
EMAIL: sales@megelec.co.uk
WEB SITE: www.meggittelectronics.com

ELECTRICAL

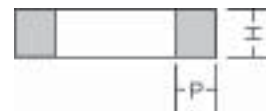
Package Size	Part Number	Impedance (ohms) at 100MHz ±25%	DC Resistance (ohms) maximum.	Rated Current (mA) maximum	Characteristic Curves See Page
0603	BMB-1J-0010P-N1	10	0.03	4000	3
0603	BMB-1J-0025P-N1	25	0.04	3000	3
0805	BMB-2A-0010P-N1	10	0.01	6000	3
0805	BMB-2A-0020P-N1	20	0.03	4000	3
0805	BMB-2A-0030P-N1	30	0.03	4000	3
0805	BMB-2A-0040P-N1	40	0.03	4000	3
1206	BMB-2B-0030P-N1	30	0.03	4000	3
1206	BMB-2B-0050P-N1	50	0.03	4000	3
1206	BMB-2B-0080P-N1	80	0.03	4000	3
1806	BMB-2G-0050P-N1	50	0.03	4000	4
1806	BMB-2G-0060P-N1	60	0.03	4000	4
1806	BMB-2G-0075P-N1	75	0.03	4000	4
1806	BMB-2G-0080P-N1	80	0.03	4000	4
1812	BMB-2J-0120P-N2	120	0.04	3000	4
0603	BMB-1J-0010P-S2	10	0.03	4000	4
0603	BMB-1J-0025P-S2	25	0.04	3000	4
0805	BMB-2A-0010P-S2	10	0.01	6000	4
0805	BMB-2A-0020P-S2	20	0.03	4000	4
0805	BMB-2A-0030P-S2	30	0.03	4000	5
0805	BMB-2A-0040P-S2	40	0.03	4000	5
1206	BMB-2B-0030P-S2	30	0.03	4000	5
1206	BMB-2B-0050P-S2	50	0.03	4000	5
1206	BMB-2B-0080P-S2	80	0.03	4000	5
1806	BMB-2G-0050P-S2	50	0.03	4000	5
1806	BMB-2G-0060P-S2	60	0.03	4000	5
1806	BMB-2G-0075P-S2	75	0.03	4000	5
1806	BMB-2G-0080P-S2	80	0.03	4000	5

General Specifications

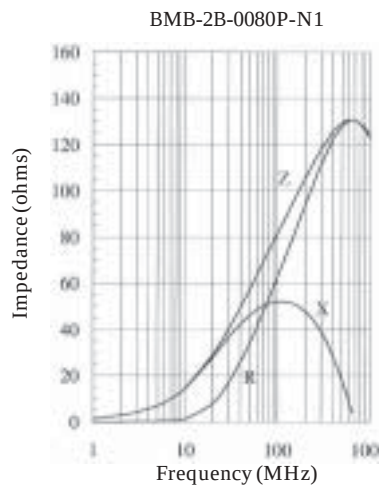
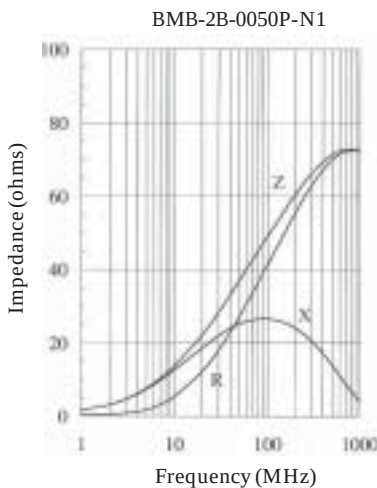
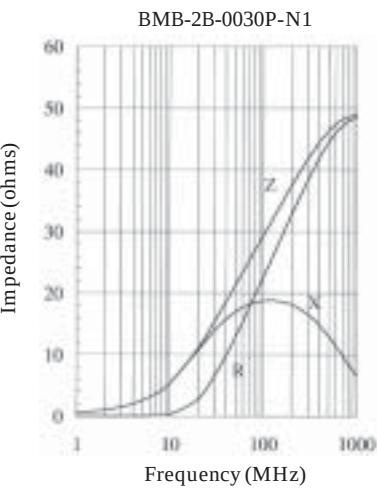
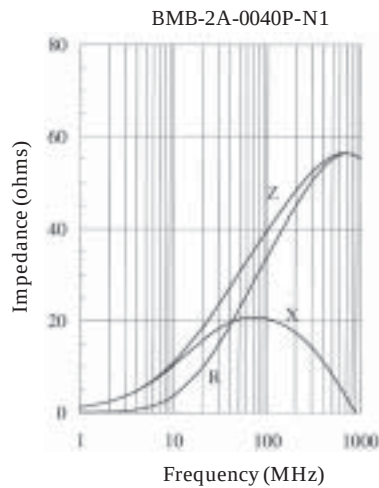
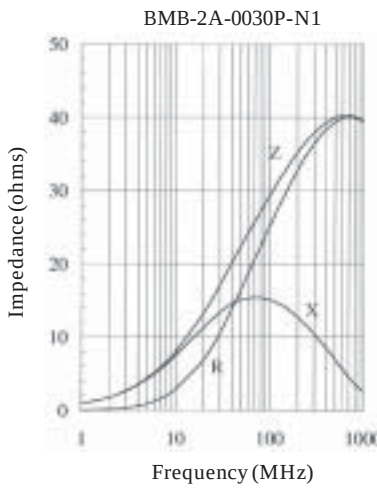
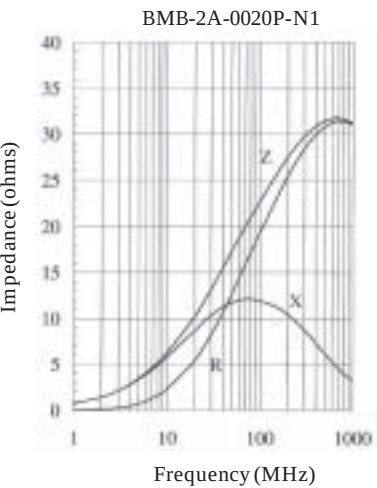
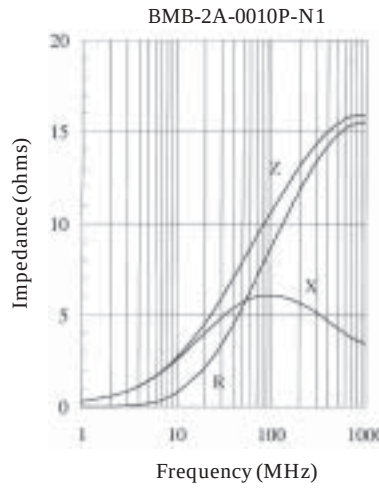
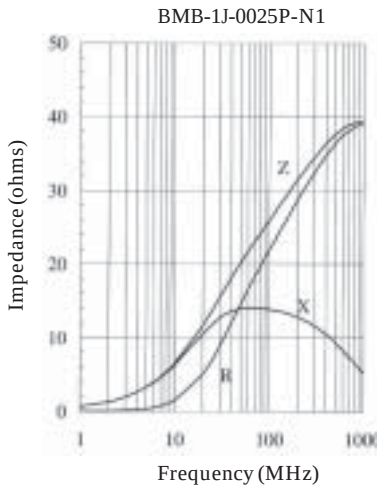
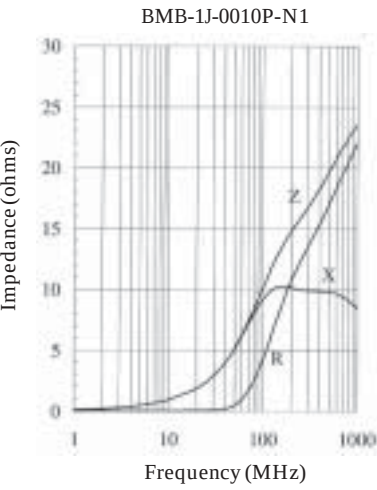
Operating Temp. Range: -25°C to +85°C

Chip Dimensions:

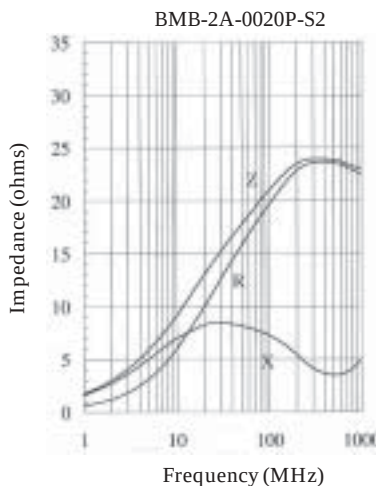
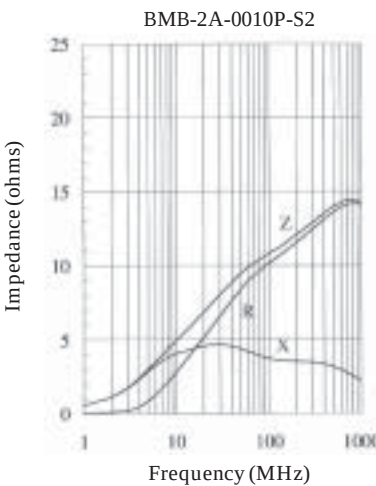
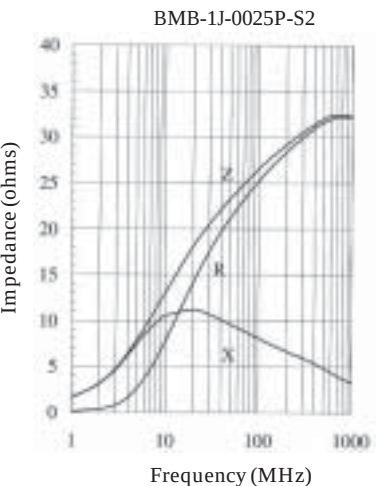
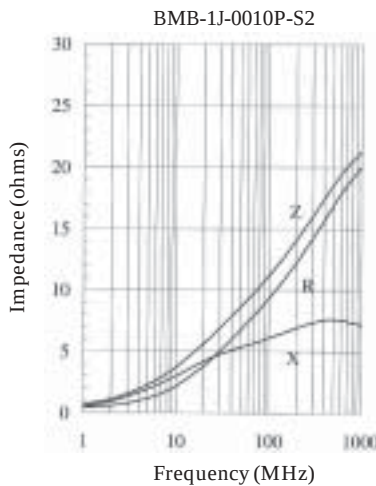
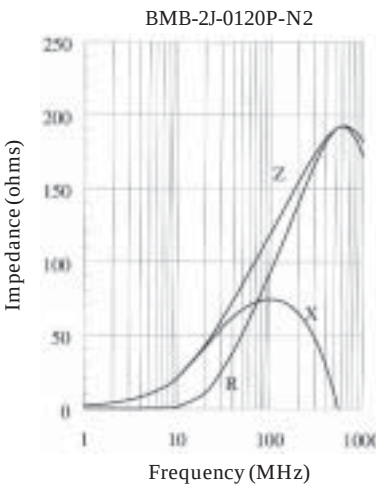
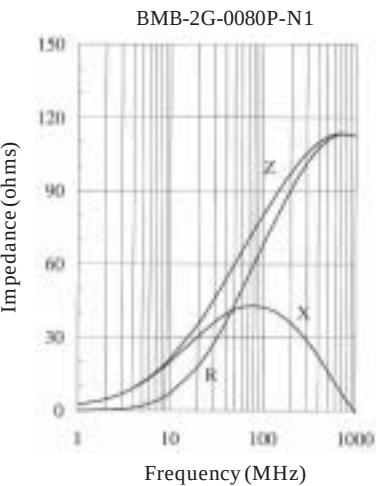
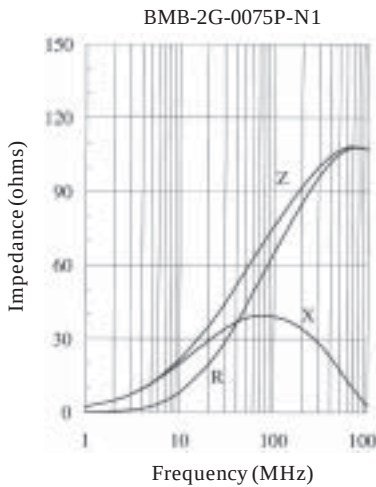
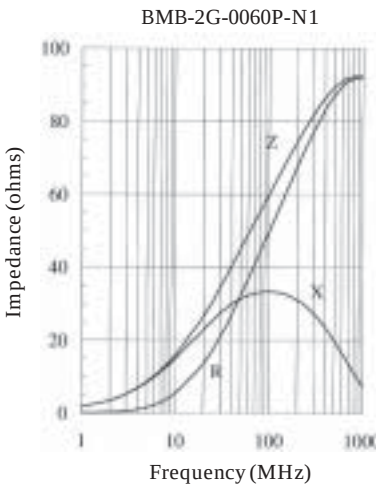
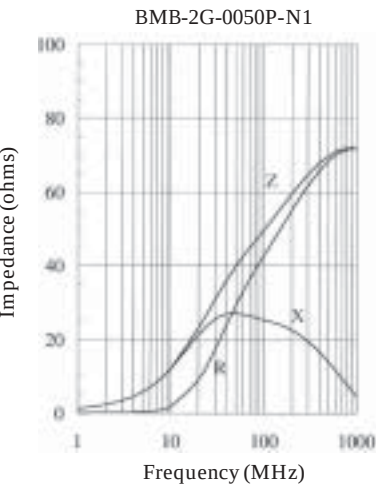
	L	x	W	x	H	x	P
0603	1.6 ± 0.15		0.8 ± 0.15		0.8 ± 0.15		0.3 ± 0.30
0805	2.0 ± 0.20		1.2 ± 0.20		0.9 ± 0.20		0.5 ± 0.30
1206	3.2 ± 0.20		1.6 ± 0.20		1.6 ± 0.20		0.5 ± 0.30
1806	4.5 ± 0.20		1.6 ± 0.20		1.6 ± 0.20		0.5 ± 0.30
1812	4.5 ± 0.20		3.2 ± 0.20		1.5 ± 0.20		0.5 ± 0.30



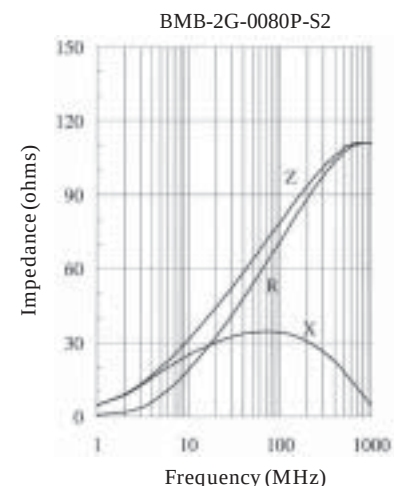
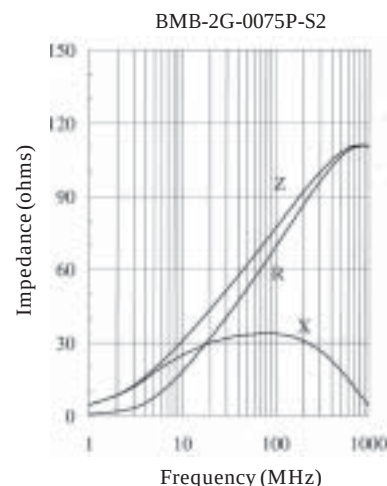
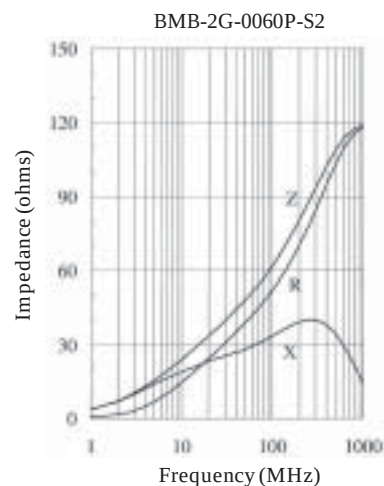
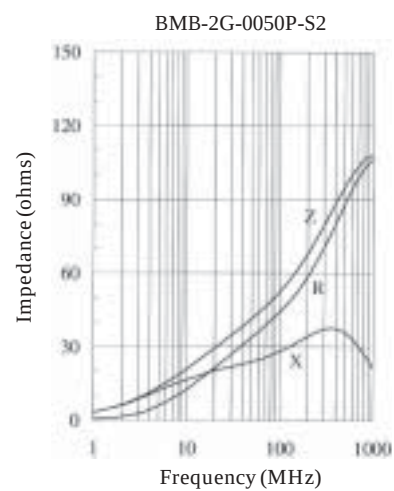
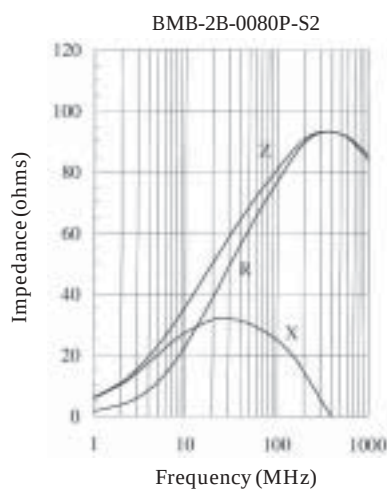
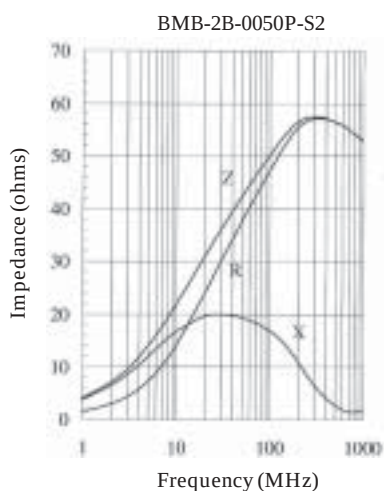
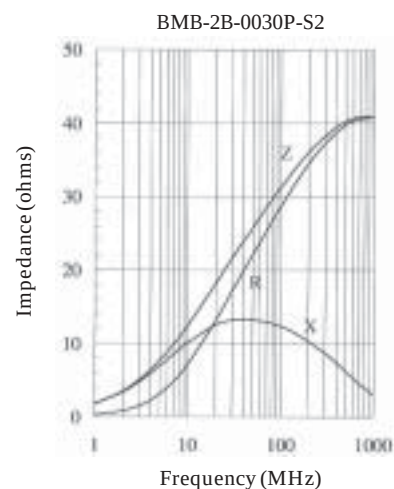
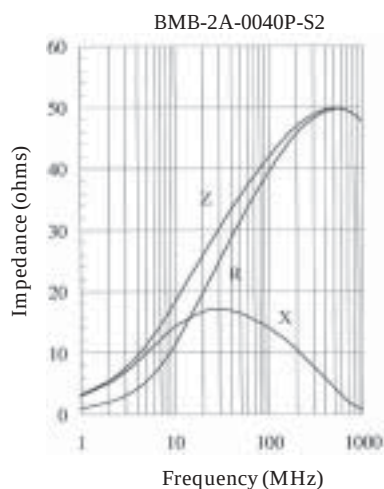
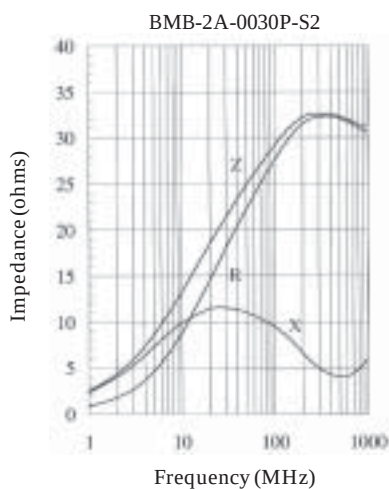
CHARACTERISTIC CURVES (cont...)



CHARACTERISTIC CURVES (cont...)



CHARACTERISTIC CURVES (cont...)



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