

FEATURES

JCB series offer full specification for your choices.
 Wide impedance characteristic and several size
 support easy to design
 JCB-C series is used in high-speed single line application
 JCB-A series stand large current
 This inductor generates high impedance at high
 frequency

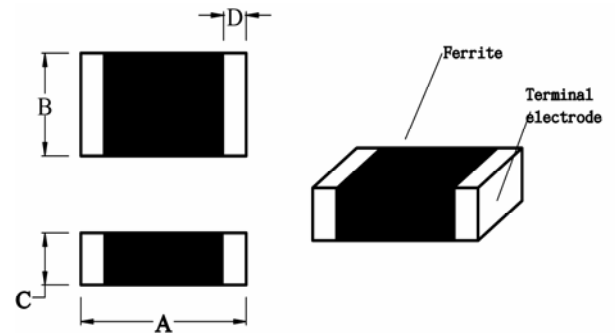
APPLICATIONS

Communications
 Computer products, etc....
 VCR and cameras
 Noise suppression in digital equipments

DIMENSIONS (mm)

PRODUCT IDENTIFICATION

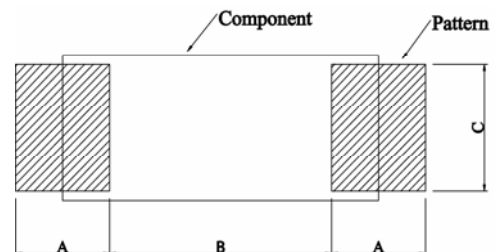
JCB | **100505** | **- 300**
Type | **Size** | **Impedance**
C: Material
A: High mA



Part No.	Size (mm)			
	A	B	C	D
JCB 100505 (0402)	1.0 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.1 Min.
JCB 160808 (0603)	1.6 ± 0.2	0.8 ± 0.2	0.8 ± 0.2	0.3 ± 0.2
JCB 201209 (0805)	2.0 ± 0.2	1.2 ± 0.2	0.9 ± 0.2	0.5 ± 0.3
JCB 321611 (1206)	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.5 ± 0.3
JCB 321616 (1206)	3.2 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.5 ± 0.3
JCB 322513 (1210)	3.2 ± 0.2	2.5 ± 0.2	1.3 ± 0.2	0.5 ± 0.3
JCB 451616 (1806)	4.5 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.5 ± 0.3
JCB 453215 (1812)	4.5 ± 0.2	3.2 ± 0.2	1.5 ± 0.2	0.5 ± 0.3

RECOMMENDED PATTERN

Type	A	B	C
JCB 100505	0.45	0.50	0.50
JCB 160808	0.70	0.70	0.70
JCB 201209	0.80	1.00	1.00
JCB 321611	1.10	2.20	1.40
JCB 321616	1.10	2.20	1.40
JCB 322513	1.10	2.20	2.30
JCB 451616	1.50	3.00	1.50
JCB 453215	1.50	3.00	3.00



PACKAGE

Type	JCB 100505	JCB 160808	JCB 201209	JCB 321611
Q'TY/Reel	10,000	4,000	4,000	3,000
Type	JCB 321616	JCB 322513	JCB 451616	JCB 453215
Q'TY/Reel	2,000	2,000	2,000	1,000

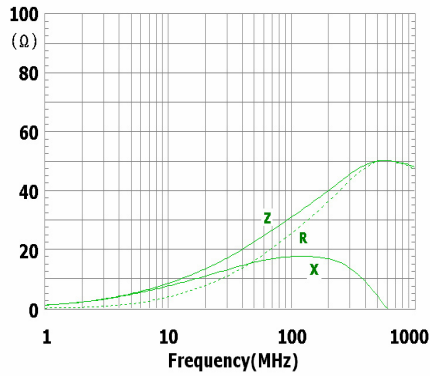
No.	Part No.	Impedance (Ω)	Test Frequency (MHz)	RDC (Ω)	IDC (mA)
1	JCB100505-300	30 \pm 25%	100	0.30	500
2	JCB100505-600	60 \pm 25%	100	0.40	200
3	JCB100505-121	120 \pm 25%	100	0.50	200
4	JCB100505-221	220 \pm 25%	100	0.70	100
5	JCB100505-301	300 \pm 25%	100	0.80	100
6	JCB100505-601	600 \pm 25%	100	1.10	50
7	JCB160808-090	9 \pm 25%	100	0.20	500
8	JCB160808-300	30 \pm 25%	100	0.20	400
9	JCB160808-600	60 \pm 25%	100	0.20	300
10	JCB160808-800	80 \pm 25%	100	0.20	300
11	JCB160808-121	120 \pm 25%	100	0.20	200
12	JCB160808-221	220 \pm 25%	100	0.20	200
13	JCB160808-301	300 \pm 25%	100	0.35	200
14	JCB160808-451	450 \pm 25%	100	0.40	200
15	JCB160808-601	600 \pm 25%	100	0.45	200
16	JCB160808-102	1000 \pm 25%	100	0.60	100
17	JCB201209-110	11 \pm 25%	100	0.15	600
18	JCB201209-300	30 \pm 25%	100	0.10	300
19	JCB201209-800	80 \pm 25%	100	0.15	300
20	JCB201209-121	120 \pm 25%	100	0.25	300
21	JCB201209-151	150 \pm 25%	100	0.25	300
22	JCB201209-221	220 \pm 25%	100	0.30	200
23	JCB201209-301	300 \pm 25%	100	0.30	200
24	JCB201209-601	600 \pm 25%	100	0.35	200
25	JCB201209-102	1000 \pm 25%	100	0.45	200
26	JCB321611-310	31 \pm 25%	100	0.20	500
27	JCB321611-600	60 \pm 25%	100	0.30	400
28	JCB321611-900	90 \pm 25%	100	0.30	300
29	JCB321611-151	150 \pm 25%	100	0.30	300
30	JCB321611-301	300 \pm 25%	100	0.30	300
31	JCB321611-601	600 \pm 25%	100	0.30	200
32	JCB321611-102	1000 \pm 25%	50	0.35	350
33	JCB321611-202	2000 \pm 25%	30	0.60	100
34	JCB321616-600	60 \pm 25%	100	0.30	400
35	JCB322513-600	60 \pm 25%	100	0.30	400
36	JCB322513-900	90 \pm 25%	100	0.30	300
37	JCB451616-800	80 \pm 25%	100	0.30	400
38	JCB451616-151	150 \pm 25%	100	0.30	300
39	JCB453215-800	80 \pm 25%	100	0.30	300

No.	Part No.	Impedance (Ω)	Test Frequency (MHz)	RDC (Ω)	IDC (mA)
1	JCB100505C-300	30 \pm 25%	100	0.40	200
2	JCB100505C-600	60 \pm 25%	100	0.50	200
3	JCB100505C-121	120 \pm 25%	100	0.70	100
4	JCB100505C-221	220 \pm 25%	100	0.90	100
5	JCB100505C-301	300 \pm 25%	100	1.00	100
6	JCB160808C-600	60 \pm 25%	100	0.30	300
7	JCB160808C-800	80 \pm 25%	100	0.30	200
8	JCB160808C-121	120 \pm 25%	100	0.30	200
9	JCB160808C-221	220 \pm 25%	100	0.40	200
10	JCB160808C-301	300 \pm 25%	100	0.45	200
11	JCB160808C-601	600 \pm 25%	100	0.65	200
12	JCB160808C-102	1000 \pm 25%	100	0.80	50
13	JCB201209C-400	40 \pm 25%	100	0.20	300
14	JCB201209C-800	80 \pm 25%	100	0.20	200
15	JCB201209C-121	120 \pm 25%	100	0.25	200
16	JCB201209C-221	220 \pm 25%	100	0.35	200
17	JCB201209C-301	300 \pm 25%	100	0.40	200
18	JCB201209C-601	600 \pm 25%	100	0.50	200
19	JCB201209C-102	1000 \pm 25%	100	0.60	200
20	JCB321611C-190	19 \pm 25%	30	0.20	500
21	JCB321611C-151	150 \pm 25%	100	0.30	300
22	JCB321611C-301	300 \pm 25%	100	0.30	300
23	JCB321611C-601	600 \pm 25%	100	0.30	300

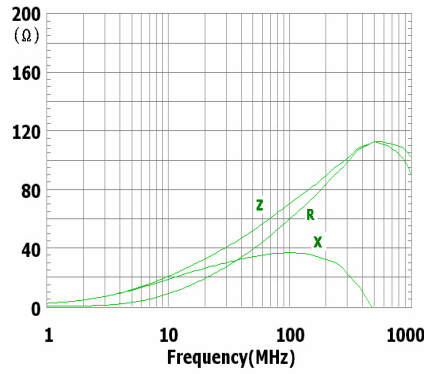
No.	Part No.	Impedance ()	Test Frequency (MHz)	RDC ()	IDC (mA)
1	JCB160808A-300/3	30 ± 25%	100	0.050	3000
2	JCB160808A-600/3	60 ± 25%	100	0.040	3000
3	JCB160808A-121/2.5	120 ± 25%	100	0.100	2500
4	JCB160808A-301/2	300 ± 25%	100	0.150	2000
5	JCB160808A-601/1	600 ± 25%	100	0.300	1000
6	JCB201209A-300/3	30 ± 25%	100	0.030	3000
7	JCB201209A-600/3	60 ± 25%	100	0.040	3000
8	JCB201209A-800/3	80 ± 25%	100	0.040	3000
9	JCB201209A-121/3	120 ± 25%	100	0.060	3000
10	JCB201209A-221/2	220 ± 25%	100	0.100	2000
11	JCB201209A-301/2	300 ± 25%	100	0.100	2000
12	JCB201209A-601/2	600 ± 25%	100	0.150	2000
13	JCB321611A-310/6	31 ± 25%	100	0.010	6000
14	JCB321611A-500/3	50 ± 25%	100	0.030	3000
15	JCB321611A-800/3	80 ± 25%	100	0.050	3000
16	JCB321611A-121/3	120 ± 25%	100	0.080	3000
17	JCB321611A-301/2.5	300 ± 25%	100	0.080	2500
18	JCB321611A-601/2	600 ± 25%	100	0.100	2000
19	JCB322513A-300/3	30 ± 25%	100	0.050	3000
20	JCB322513A-600/3	60 ± 25%	100	0.050	3000
21	JCB451616A-600/6	60 ± 25%	100	0.010	6000
22	JCB451616A-750/3	75 ± 25%	100	0.025	3000
23	JCB451616A-800/3	80 ± 25%	100	0.050	3000
24	JCB453215A-700/6	70 ± 25%	100	0.030	6000

CHARACTERISTICS

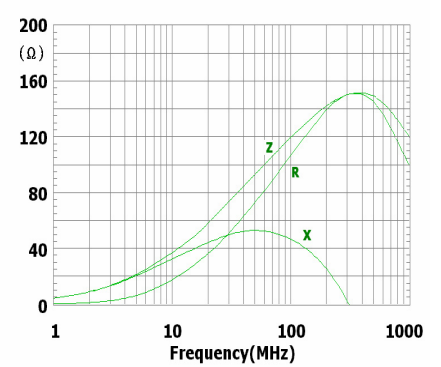
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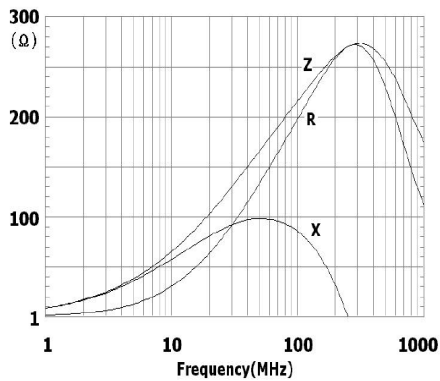
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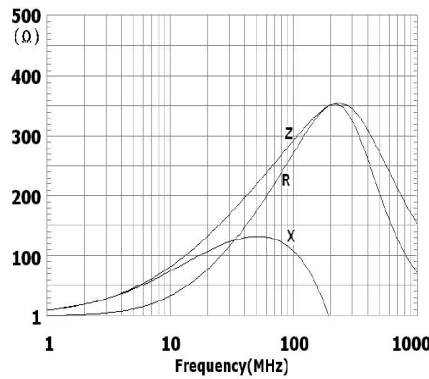
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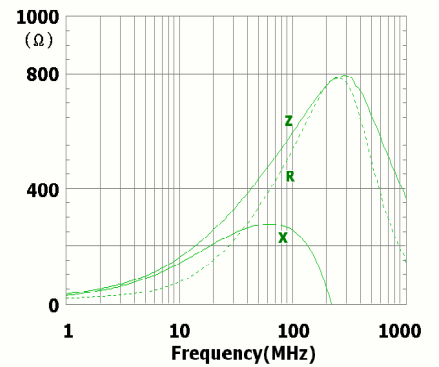
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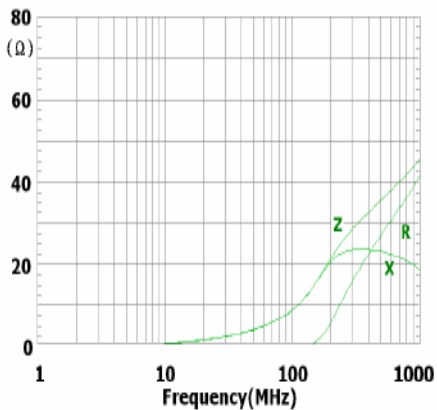
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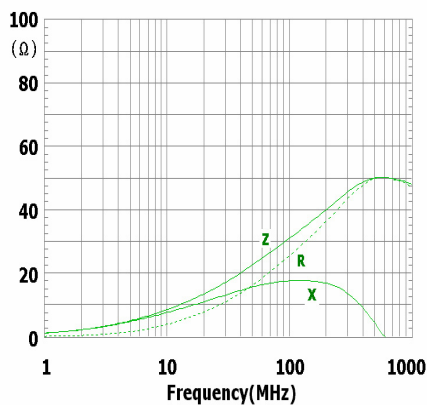
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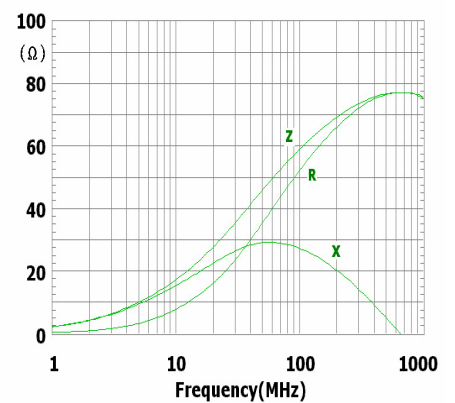
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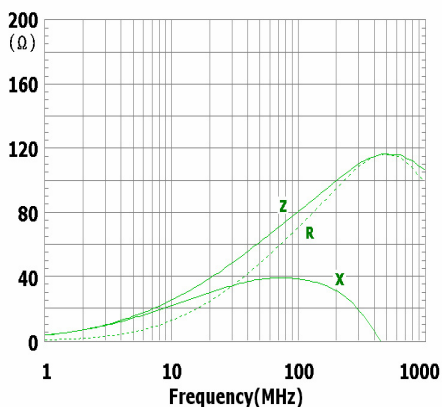
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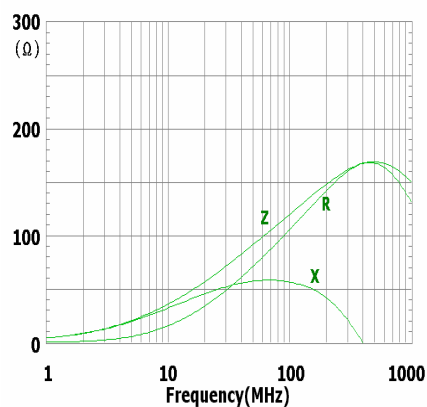
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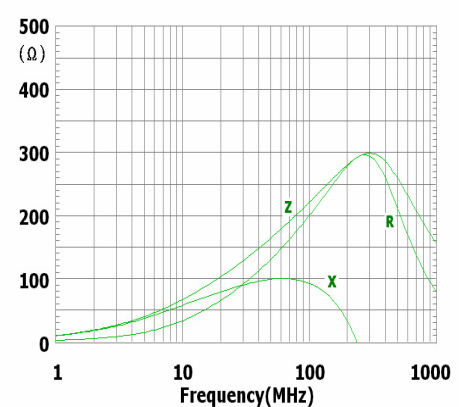
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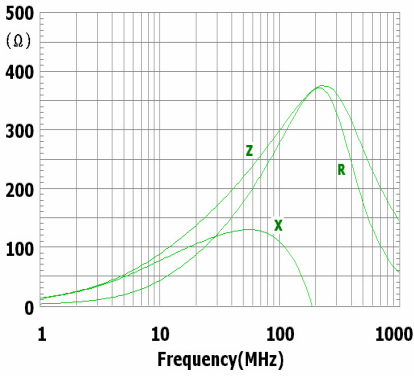


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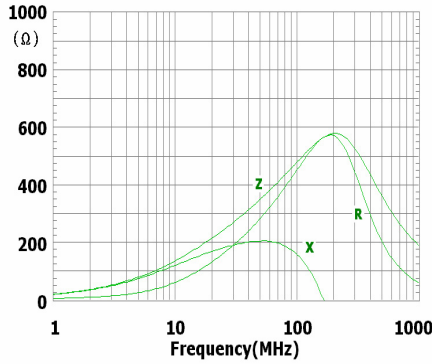


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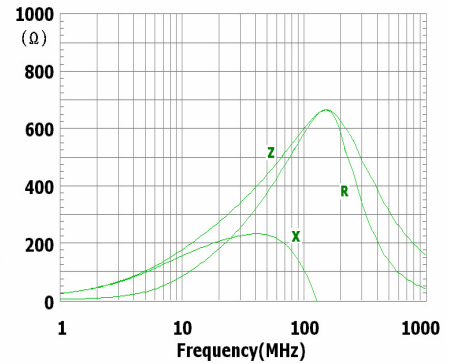
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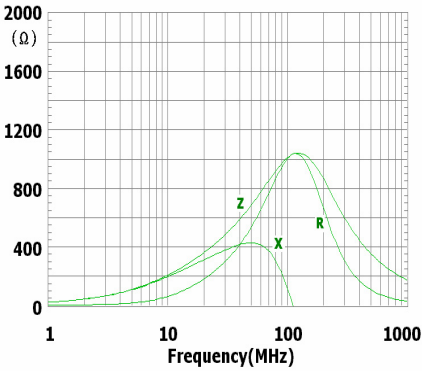
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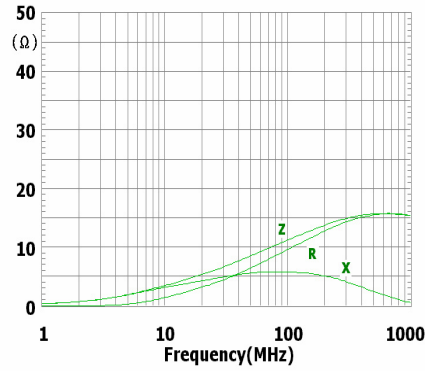
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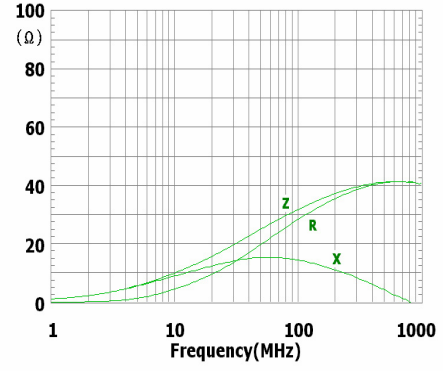
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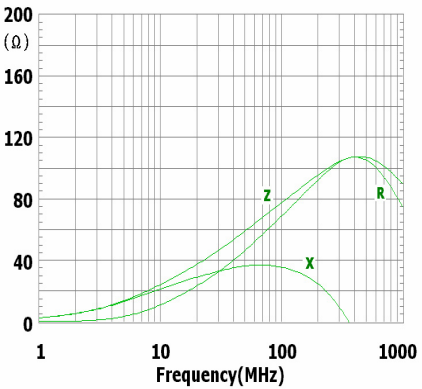
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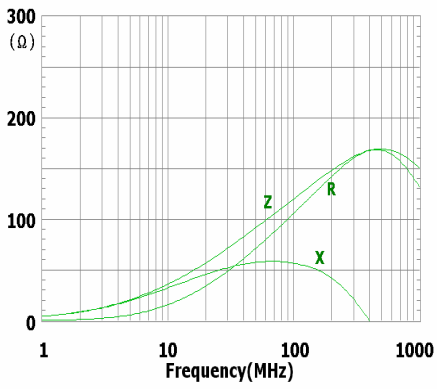
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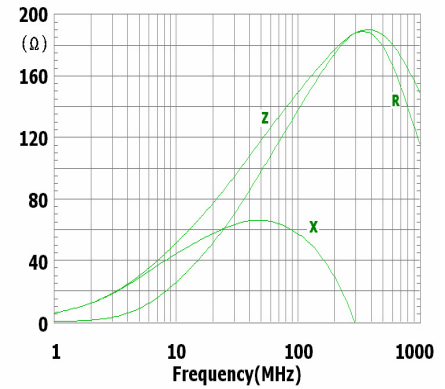
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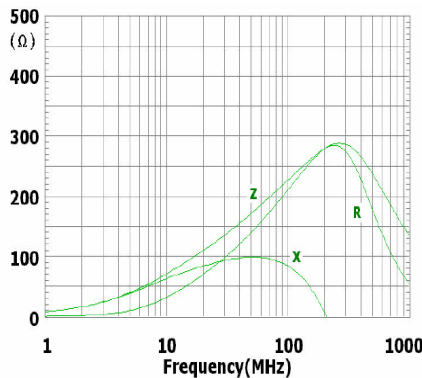
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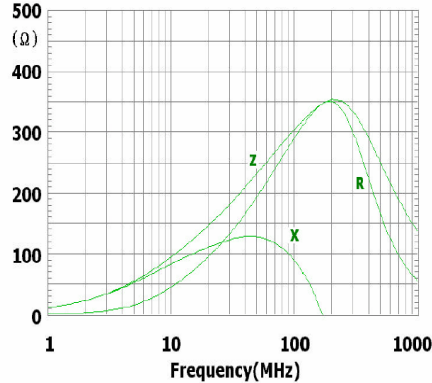
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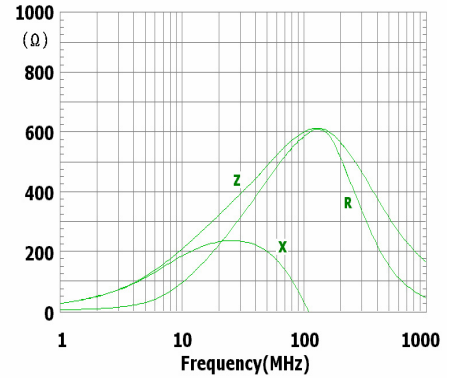
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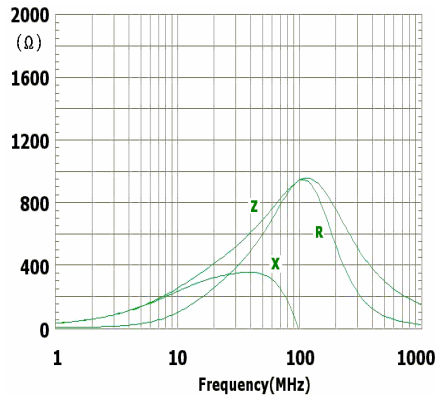


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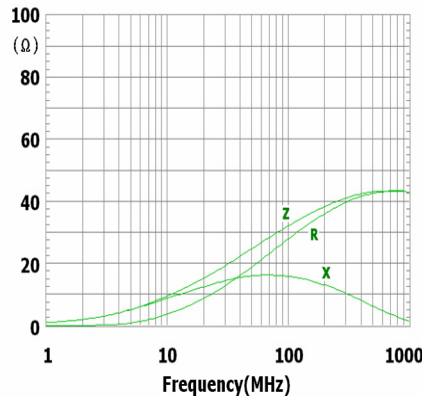


CHARACTERISTICS

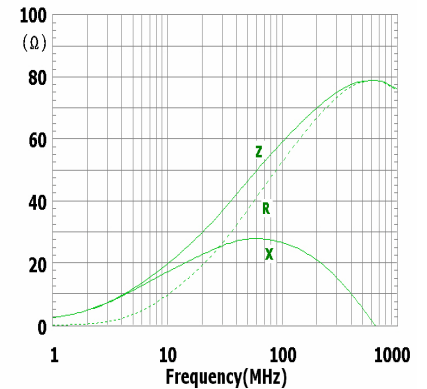
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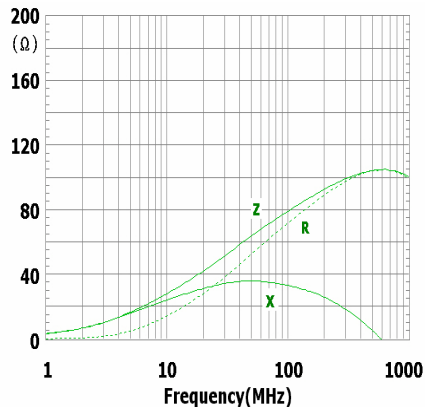
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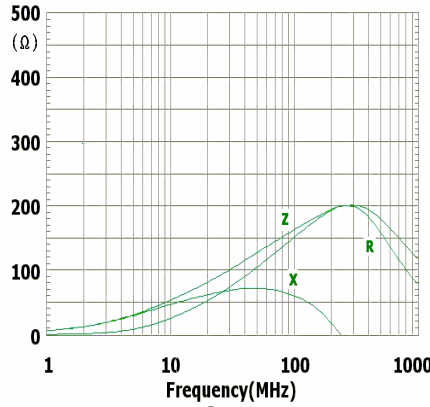
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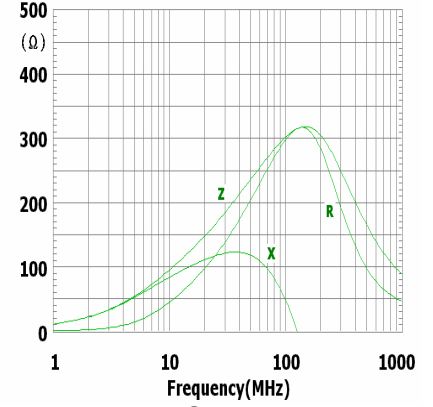
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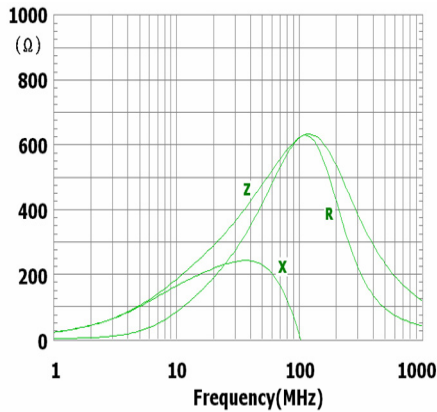
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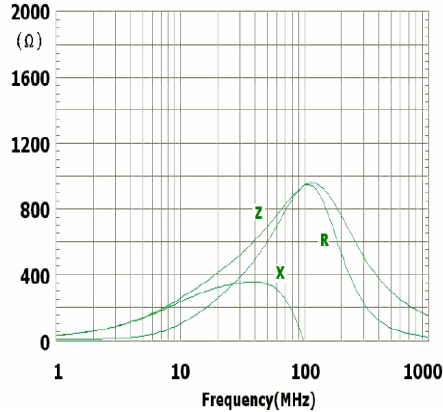
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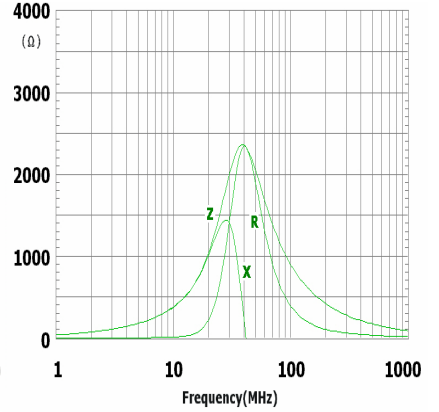
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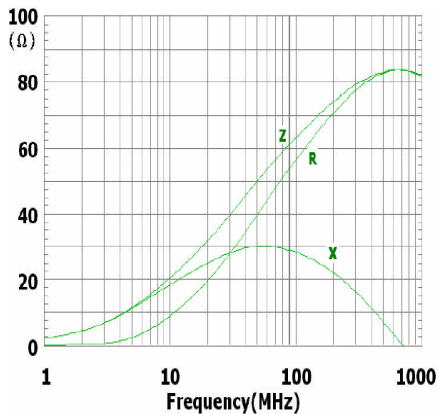
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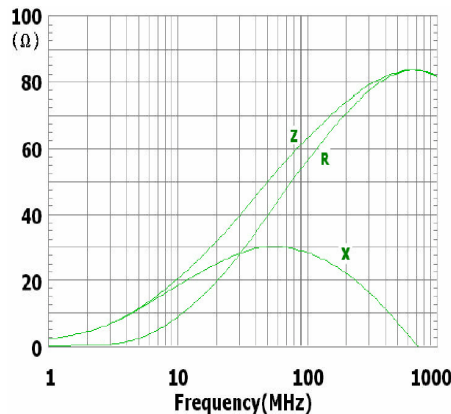
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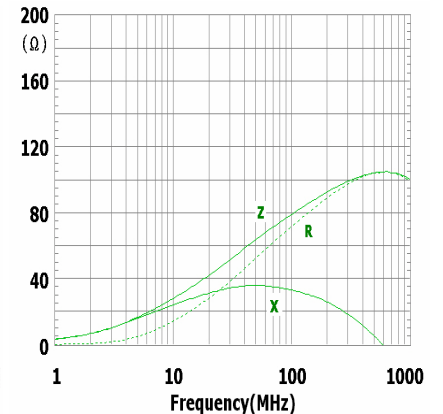
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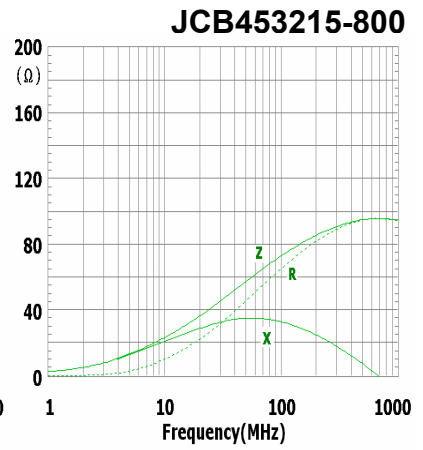
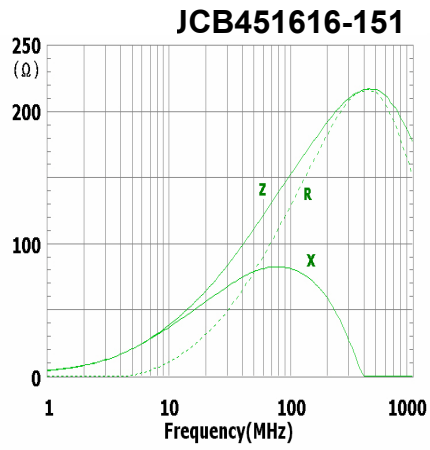
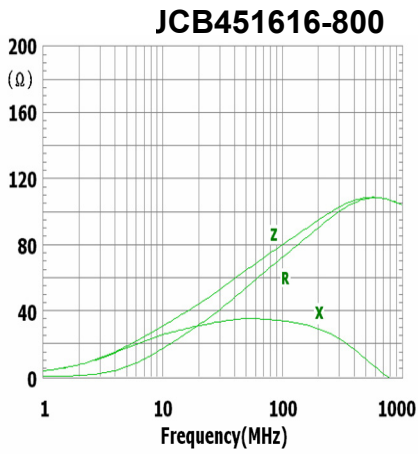
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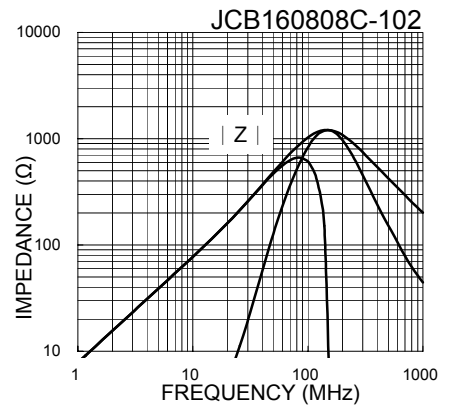
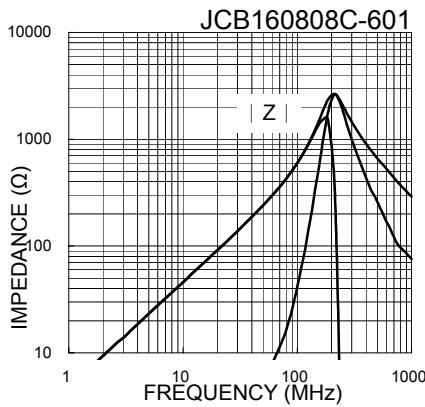
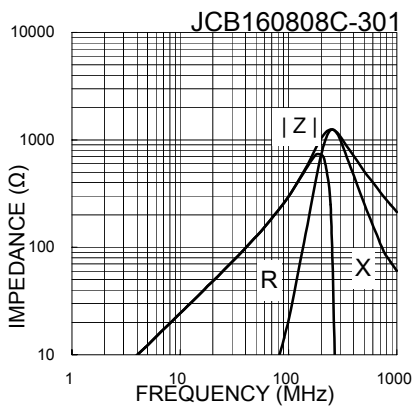
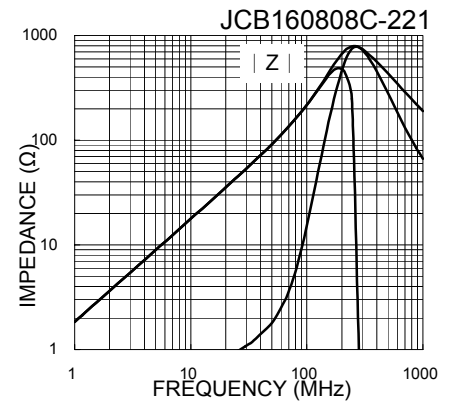
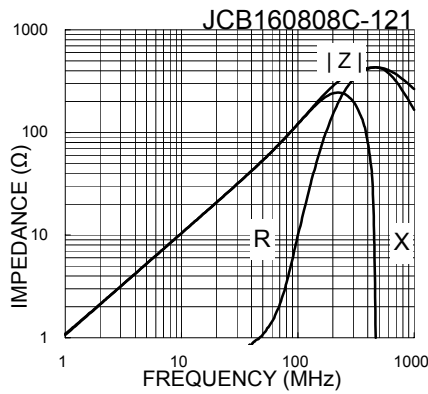
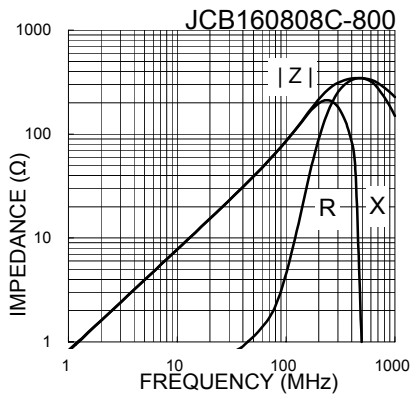
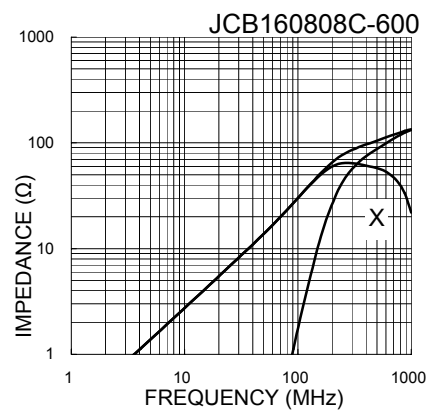
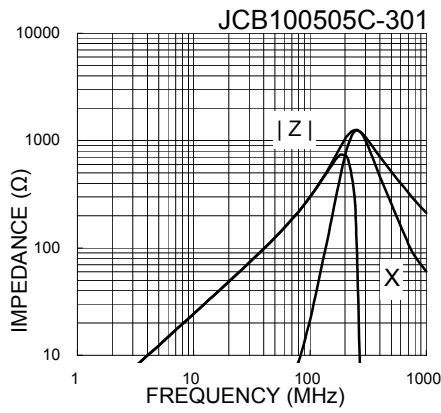
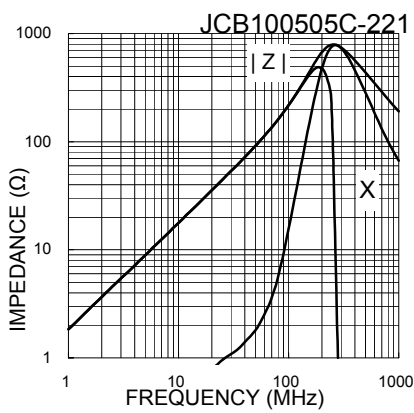
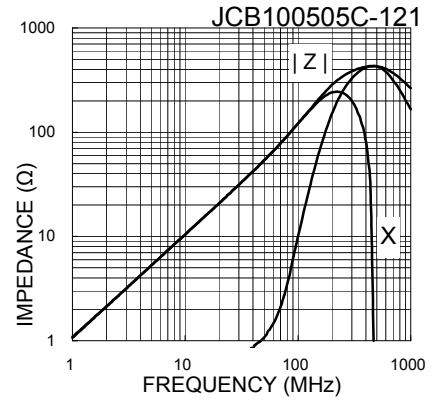
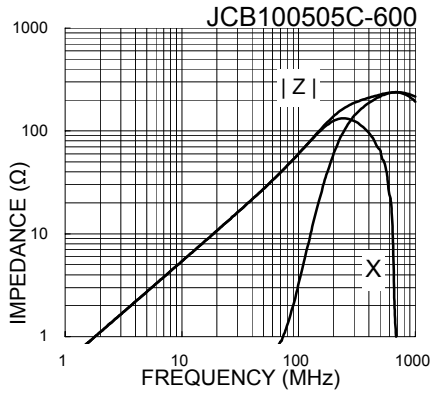
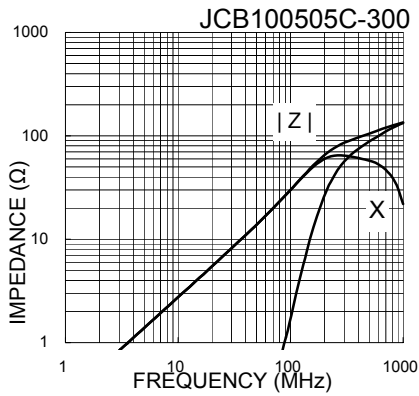
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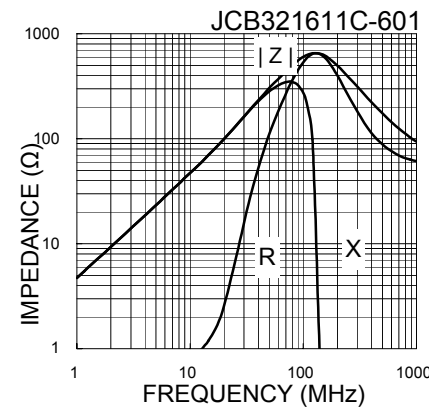
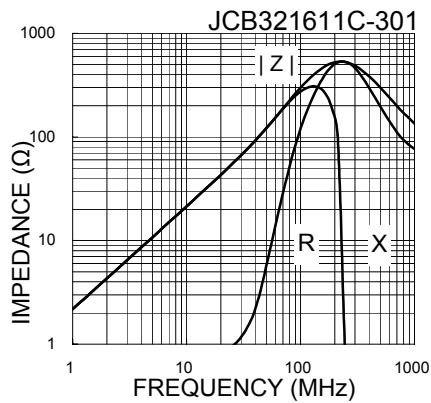
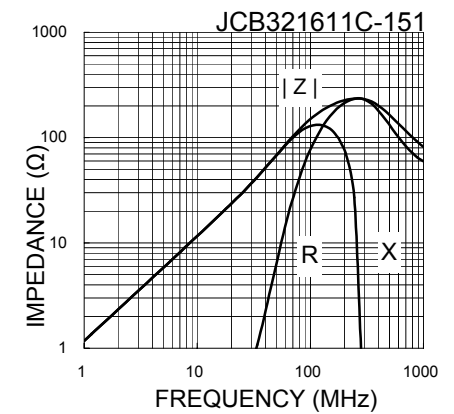
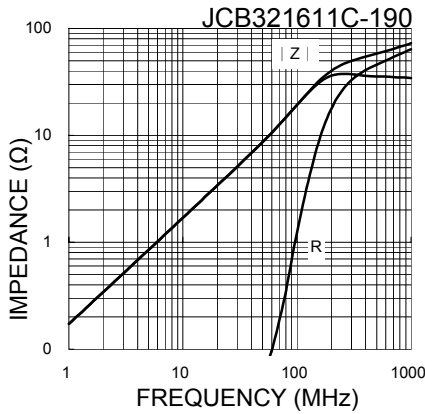
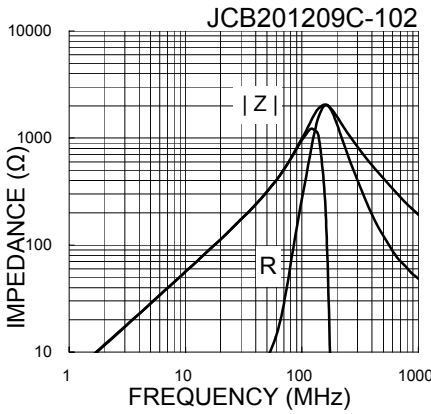
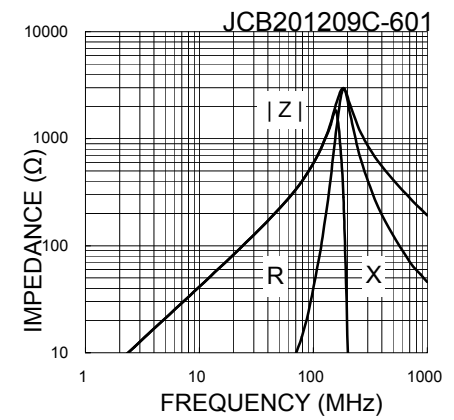
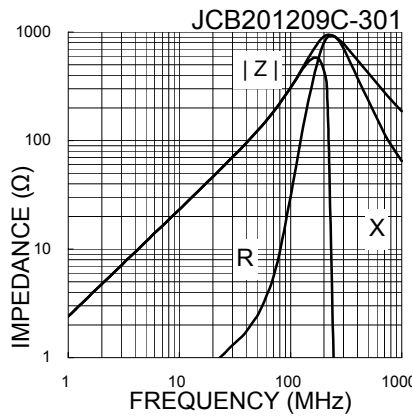
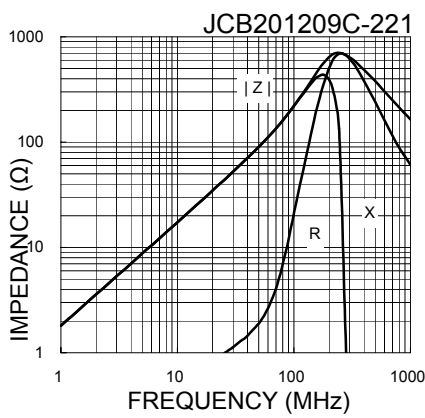
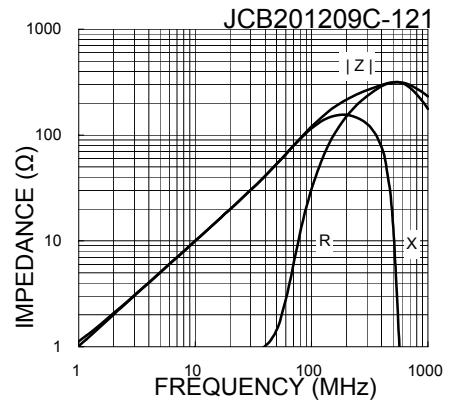
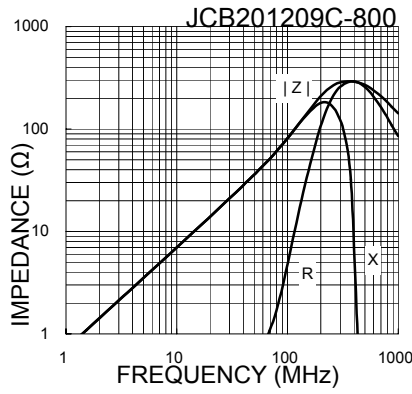
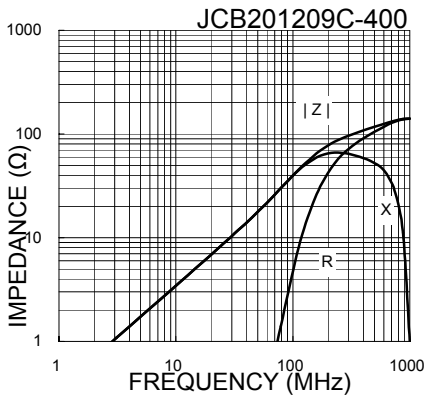
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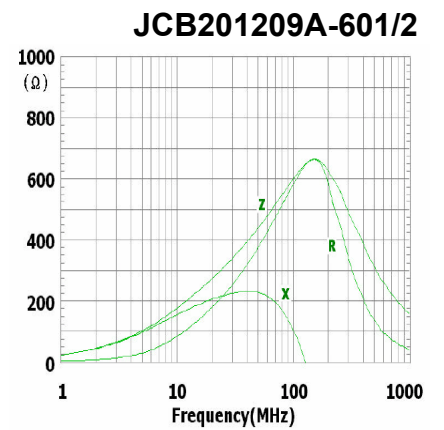
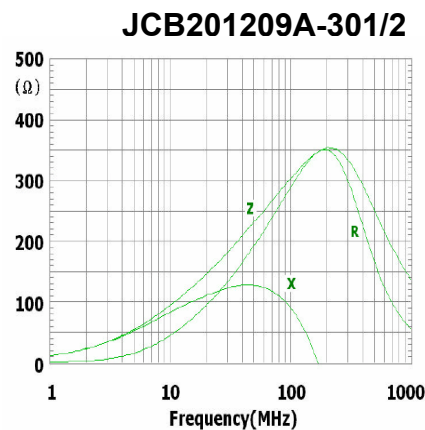
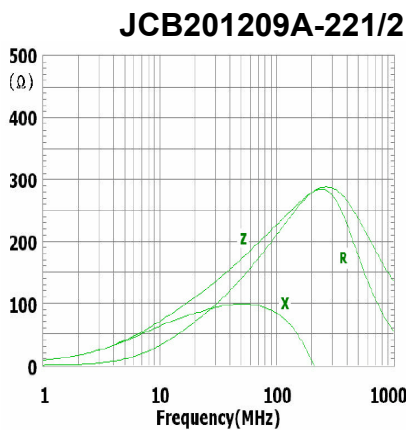
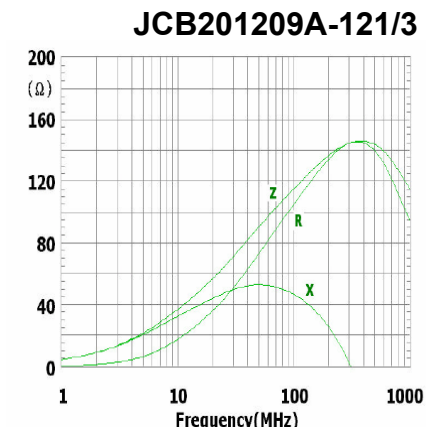
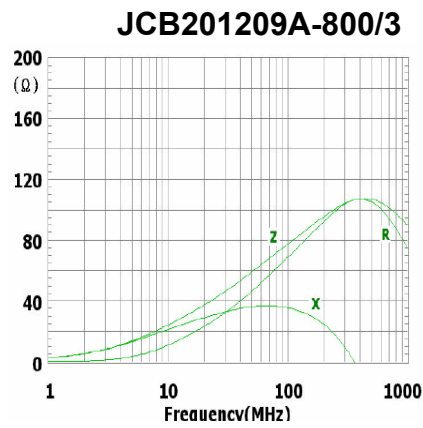
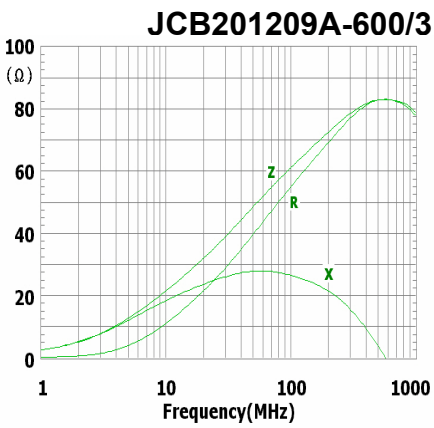
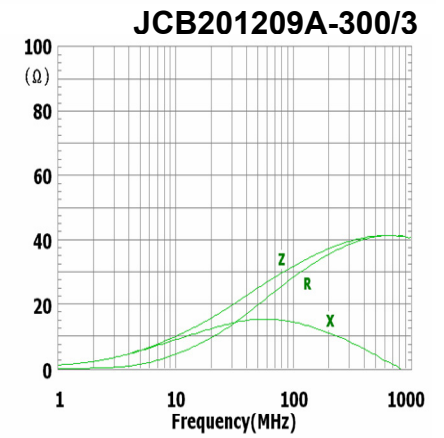
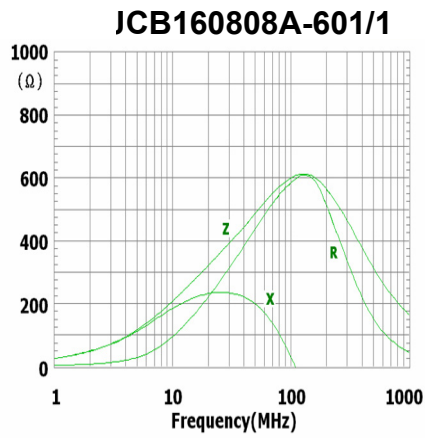
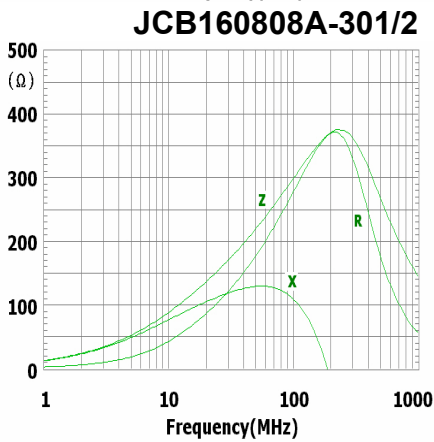
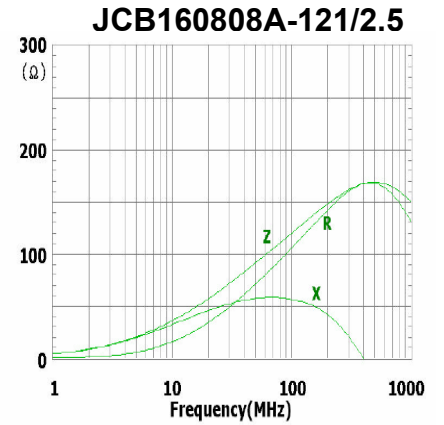
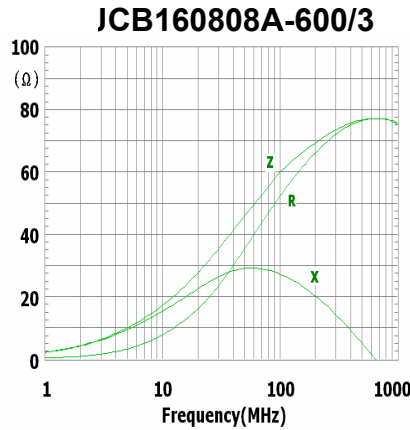
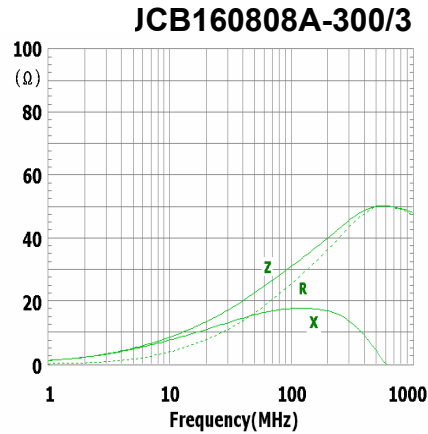
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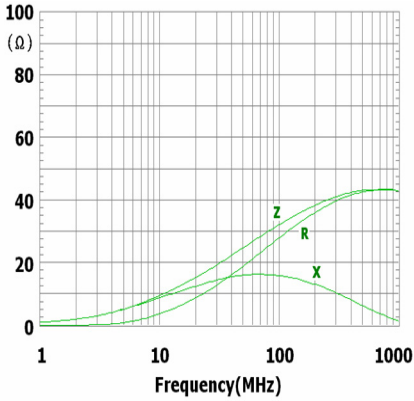


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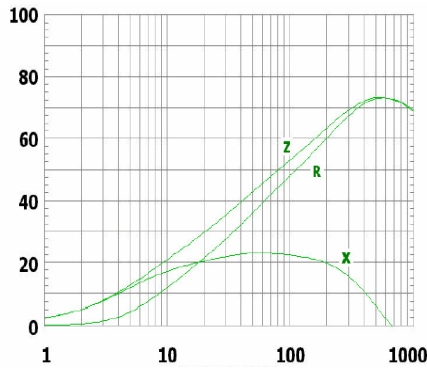


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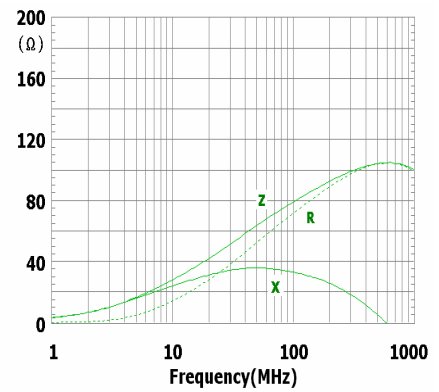
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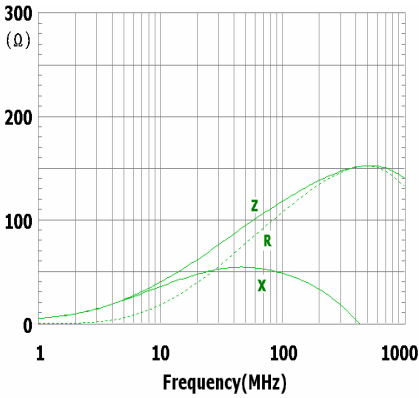
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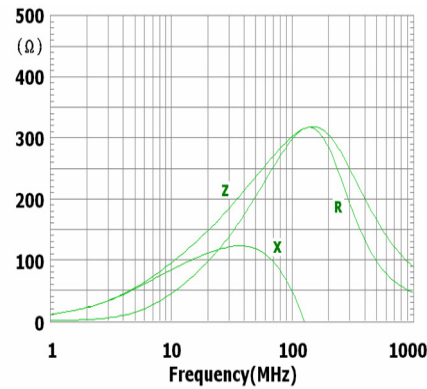
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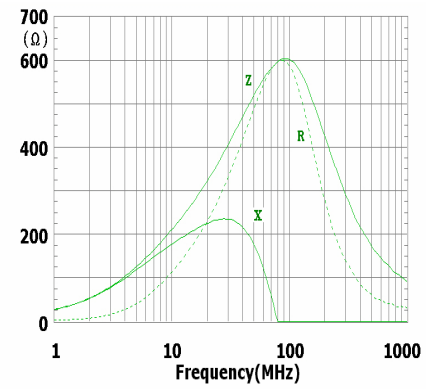
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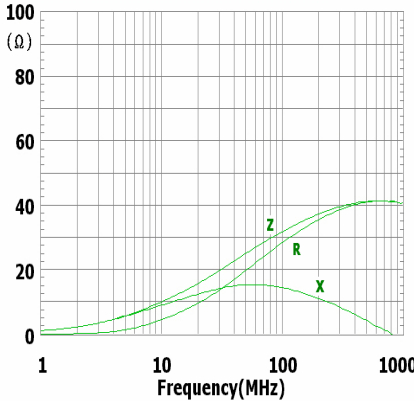
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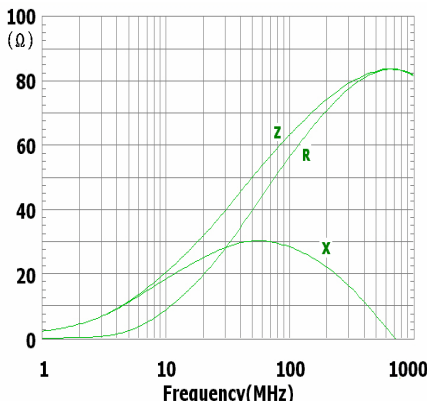
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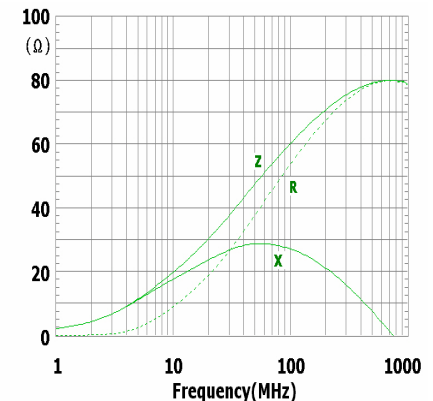
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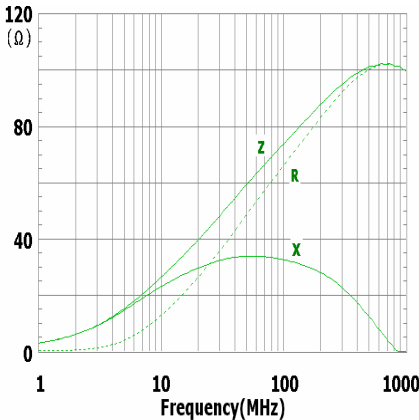
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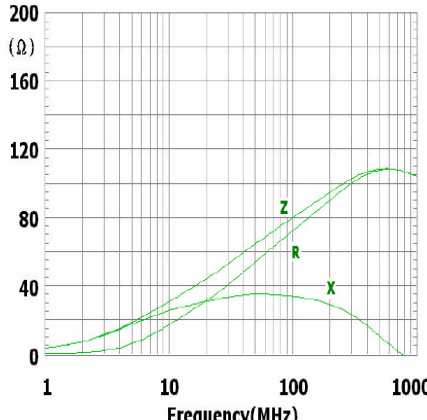
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