



### PRODUCT IDENTIFICATION

### FEATURES

SCB series offer full specification for your choices.  
Wide impedance characteristic and several size support easy to design

SCB-C series is used in high-speed single line application  
SCB-A series stand large current

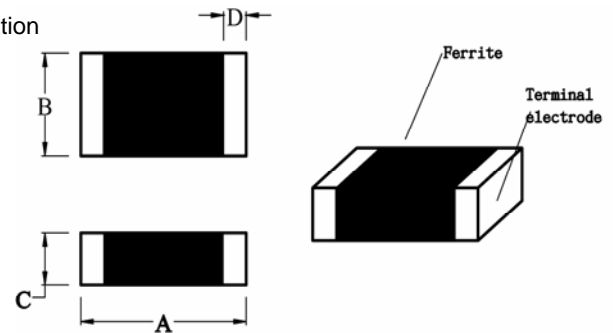
This inductor generates high impedance at high frequency

SCB-C series is used in high-speed single line application

### APPLICATIONS

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

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

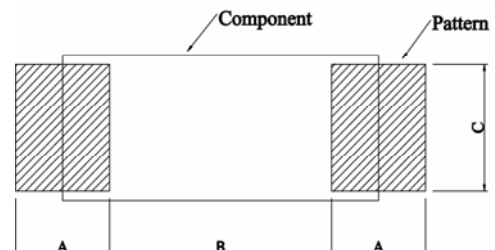


### DIMENSIONS (mm)

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

### RECOMMENDED PATTERN

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



### PACKAGE

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

# Chip Bead-SCB series

No.	Part No.	Impedance ( $\Omega$ )	Test Frequency (MHz)	RDC ( $\Omega$ )	IDC (mA)
1	SCB100505-300	30 $\pm$ 25%	100	0.30	500
2	SCB100505-600	60 $\pm$ 25%	100	0.40	200
3	SCB100505-121	120 $\pm$ 25%	100	0.50	200
4	SCB100505-221	220 $\pm$ 25%	100	0.70	100
5	SCB100505-301	300 $\pm$ 25%	100	0.80	100
6	SCB100505-601	600 $\pm$ 25%	100	1.10	50
7	SCB160808-090	9 $\pm$ 25%	100	0.20	500
8	SCB160808-300	30 $\pm$ 25%	100	0.20	400
9	SCB160808-600	60 $\pm$ 25%	100	0.20	300
10	SCB160808-800	80 $\pm$ 25%	100	0.20	300
11	SCB160808-121	120 $\pm$ 25%	100	0.20	200
12	SCB160808-221	220 $\pm$ 25%	100	0.20	200
13	SCB160808-301	300 $\pm$ 25%	100	0.35	200
14	SCB160808-451	450 $\pm$ 25%	100	0.40	200
15	SCB160808-601	600 $\pm$ 25%	100	0.45	200
16	SCB160808-102	1000 $\pm$ 25%	100	0.60	100
17	SCB201209-110	11 $\pm$ 25%	100	0.15	600
18	SCB201209-300	30 $\pm$ 25%	100	0.10	300
19	SCB201209-800	80 $\pm$ 25%	100	0.15	300
20	SCB201209-121	120 $\pm$ 25%	100	0.25	300
21	SCB201209-151	150 $\pm$ 25%	100	0.25	300
22	SCB201209-221	220 $\pm$ 25%	100	0.30	200
23	SCB201209-301	300 $\pm$ 25%	100	0.30	200
24	SCB201209-601	600 $\pm$ 25%	100	0.35	200
25	SCB201209-102	1000 $\pm$ 25%	100	0.45	200
26	SCB321611-310	31 $\pm$ 25%	100	0.20	500
27	SCB321611-600	60 $\pm$ 25%	100	0.30	400
28	SCB321611-900	90 $\pm$ 25%	100	0.30	300
29	SCB321611-151	150 $\pm$ 25%	100	0.30	300
30	SCB321611-301	300 $\pm$ 25%	100	0.30	300
31	SCB321611-601	600 $\pm$ 25%	100	0.30	200
32	SCB321611-102	1000 $\pm$ 25%	50	0.35	350
33	SCB321611-202	2000 $\pm$ 25%	30	0.60	100
34	SCB321616-600	60 $\pm$ 25%	100	0.30	400
35	SCB322513-600	60 $\pm$ 25%	100	0.30	400
36	SCB322513-900	90 $\pm$ 25%	100	0.30	300
37	SCB451616-800	80 $\pm$ 25%	100	0.30	400
38	SCB451616-151	150 $\pm$ 25%	100	0.30	300
39	SCB453215-800	80 $\pm$ 25%	100	0.30	300

# Chip Bead-SCB-C series

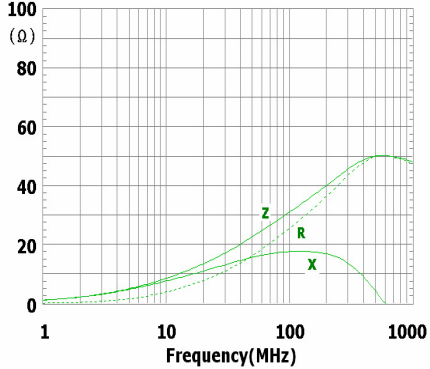
No.	Part No.	Impedance ( $\Omega$ )	Test Frequency (MHz)	RDC ( $\Omega$ )	IDC (mA)
1	SCB100505C-300	30 $\pm$ 25%	100	0.40	200
2	SCB100505C-600	60 $\pm$ 25%	100	0.50	200
3	SCB100505C-121	120 $\pm$ 25%	100	0.70	100
4	SCB100505C-221	220 $\pm$ 25%	100	0.90	100
5	SCB100505C-301	300 $\pm$ 25%	100	1.00	100
6	SCB160808C-600	60 $\pm$ 25%	100	0.30	300
7	SCB160808C-800	80 $\pm$ 25%	100	0.30	200
8	SCB160808C-121	120 $\pm$ 25%	100	0.30	200
9	SCB160808C-221	220 $\pm$ 25%	100	0.40	200
10	SCB160808C-301	300 $\pm$ 25%	100	0.45	200
11	SCB160808C-601	600 $\pm$ 25%	100	0.65	200
12	SCB160808C-102	1000 $\pm$ 25%	100	0.80	50
13	SCB201209C-400	40 $\pm$ 25%	100	0.20	300
14	SCB201209C-800	80 $\pm$ 25%	100	0.20	200
15	SCB201209C-121	120 $\pm$ 25%	100	0.25	200
16	SCB201209C-221	220 $\pm$ 25%	100	0.35	200
17	SCB201209C-301	300 $\pm$ 25%	100	0.40	200
18	SCB201209C-601	600 $\pm$ 25%	100	0.50	200
19	SCB201209C-102	1000 $\pm$ 25%	100	0.60	200
20	SCB321611C-190	19 $\pm$ 25%	30	0.20	500
21	SCB321611C-151	150 $\pm$ 25%	100	0.30	300
22	SCB321611C-301	300 $\pm$ 25%	100	0.30	300
23	SCB321611C-601	600 $\pm$ 25%	100	0.30	300

# Chip Bead-*SCB-A series*

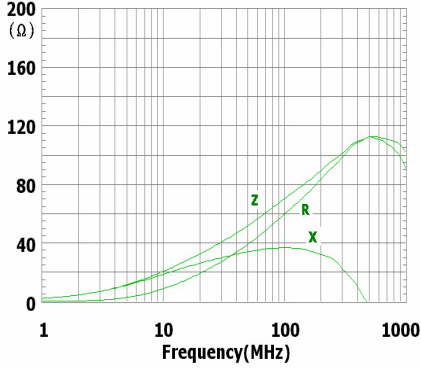
No.	Part No.	Impedance ( )	Test Frequency (MHz)	RDC ( )	IDC (mA)
1	SCB160808A-300/3	30 ± 25%	100	0.050	3000
2	SCB160808A-600/3	60 ± 25%	100	0.040	3000
3	SCB160808A-121/2.5	120 ± 25%	100	0.100	2500
4	SCB160808A-301/2	300 ± 25%	100	0.150	2000
5	SCB160808A-601/1	600 ± 25%	100	0.300	1000
6	SCB201209A-300/3	30 ± 25%	100	0.030	3000
7	SCB201209A-600/3	60 ± 25%	100	0.040	3000
8	SCB201209A-800/3	80 ± 25%	100	0.040	3000
9	SCB201209A-121/3	120 ± 25%	100	0.060	3000
10	SCB201209A-221/2	220 ± 25%	100	0.100	2000
11	SCB201209A-301/2	300 ± 25%	100	0.100	2000
12	SCB201209A-601/2	600 ± 25%	100	0.150	2000
13	SCB321611A-310/6	31 ± 25%	100	0.010	6000
14	SCB321611A-500/3	50 ± 25%	100	0.030	3000
15	SCB321611A-800/3	80 ± 25%	100	0.050	3000
16	SCB321611A-121/3	120 ± 25%	100	0.080	3000
17	SCB321611A-301/2.5	300 ± 25%	100	0.080	2500
18	SCB321611A-601/2	600 ± 25%	100	0.100	2000
19	SCB322513A-300/3	30 ± 25%	100	0.050	3000
20	SCB322513A-600/3	60 ± 25%	100	0.050	3000
21	SCB451616A-600/6	60 ± 25%	100	0.010	6000
22	SCB451616A-750/3	75 ± 25%	100	0.025	3000
23	SCB451616A-800/3	80 ± 25%	100	0.050	3000
24	SCB453215A-700/6	70 ± 25%	100	0.030	6000

## CHARACTERISTICS

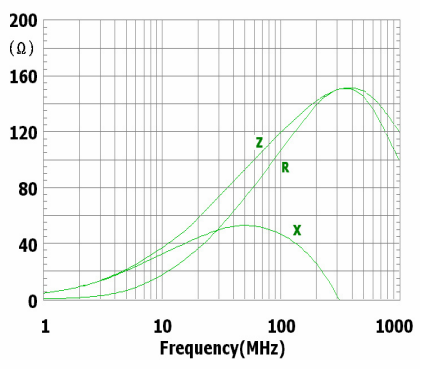
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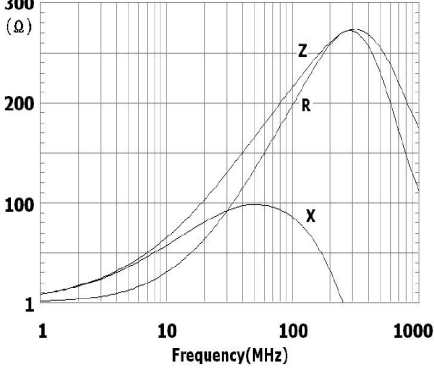
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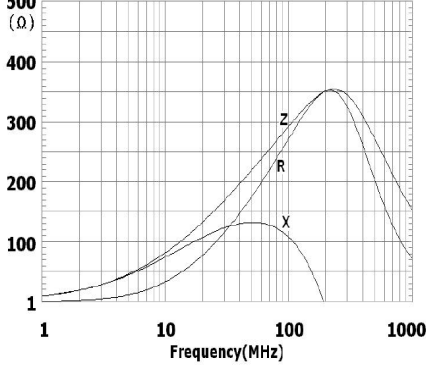
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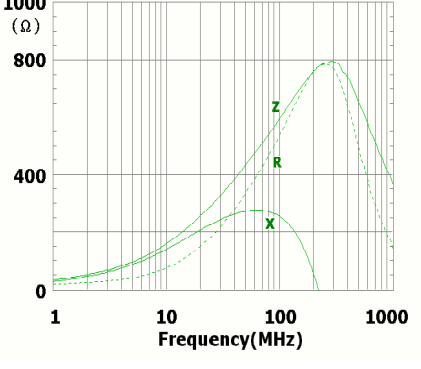
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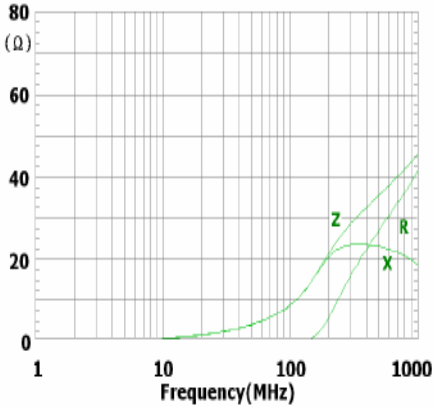
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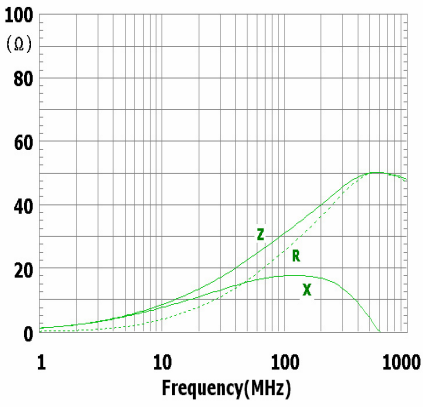
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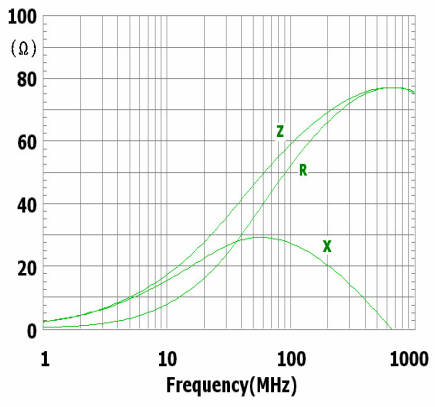
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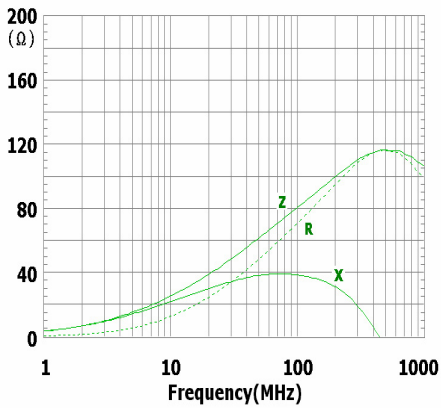
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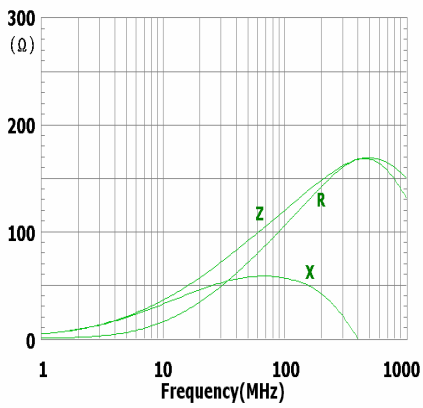
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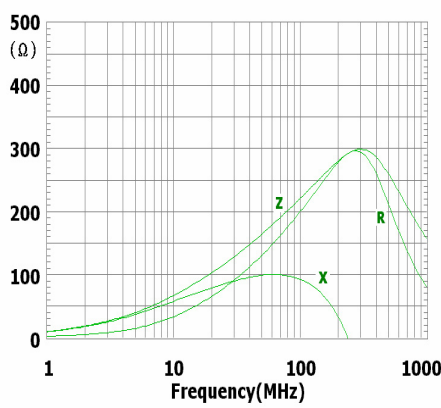
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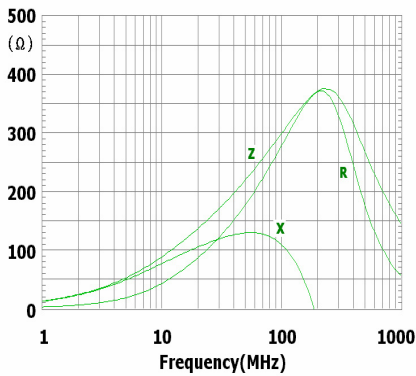


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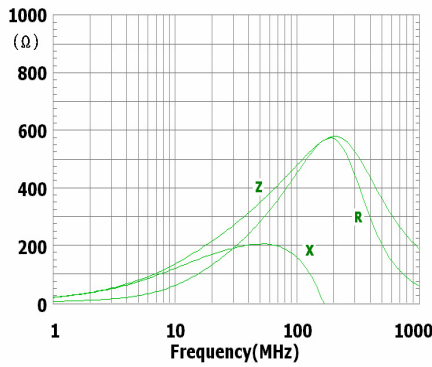


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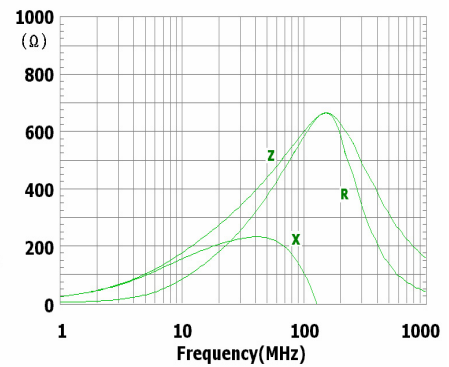
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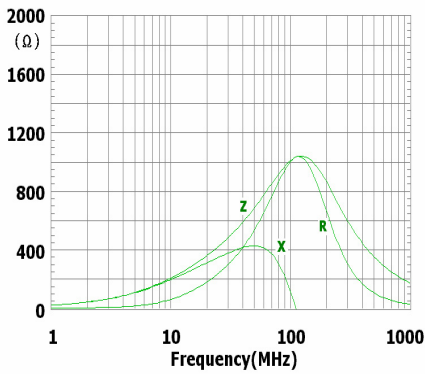
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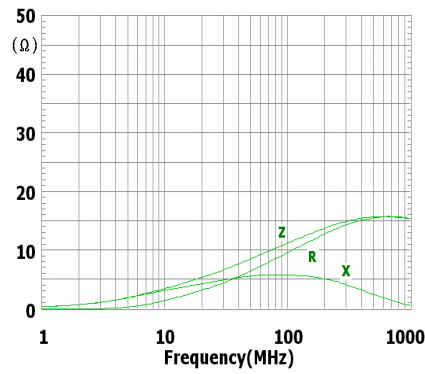
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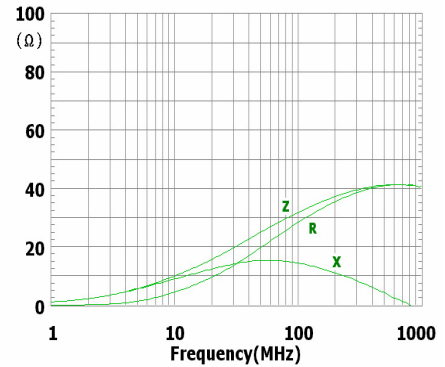
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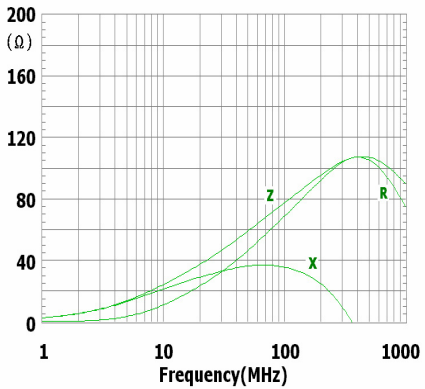
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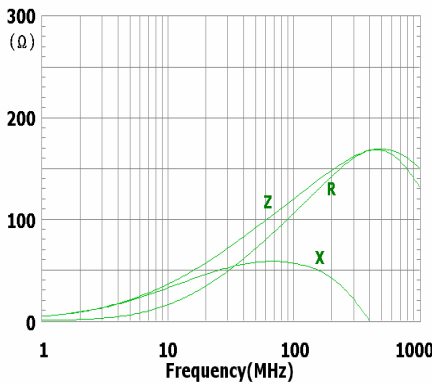
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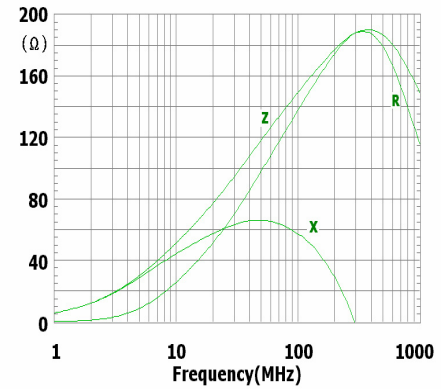
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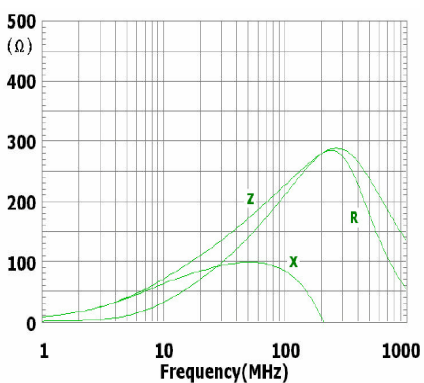
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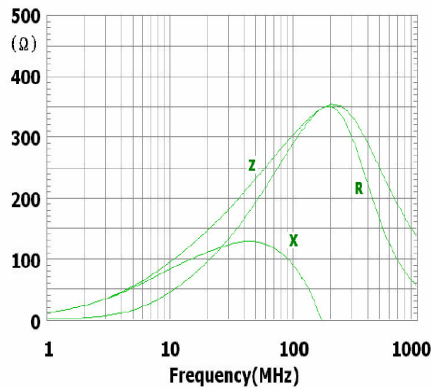
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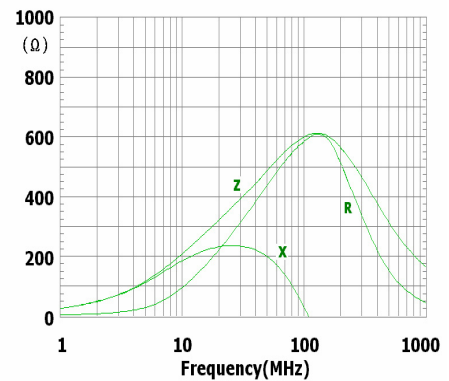
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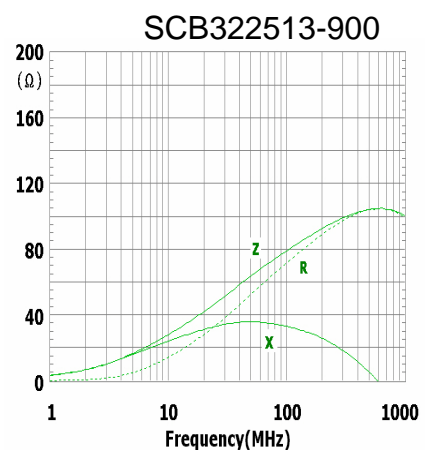
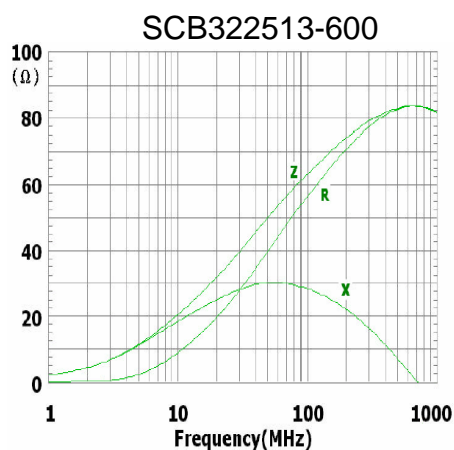
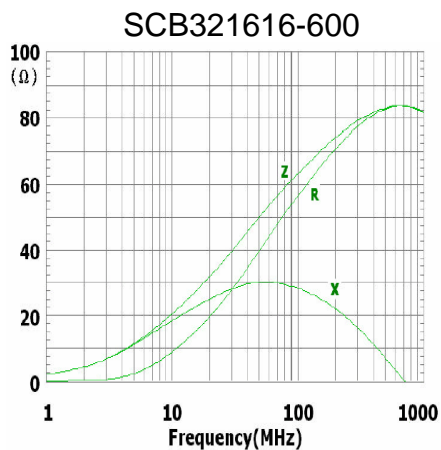
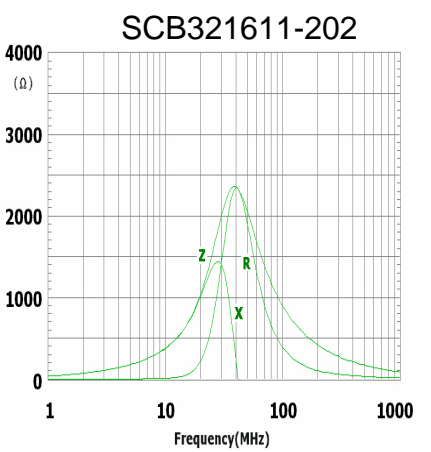
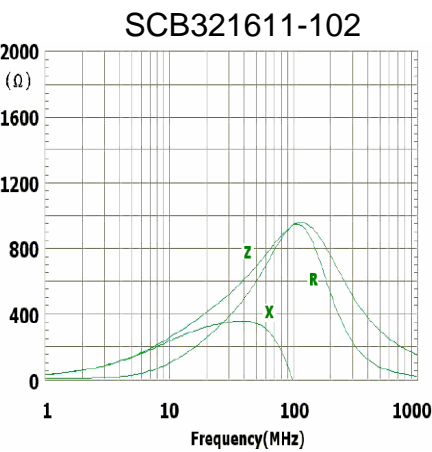
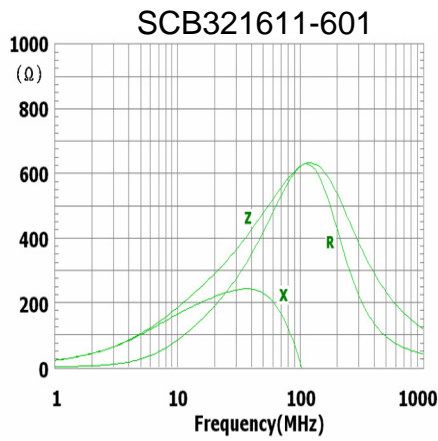
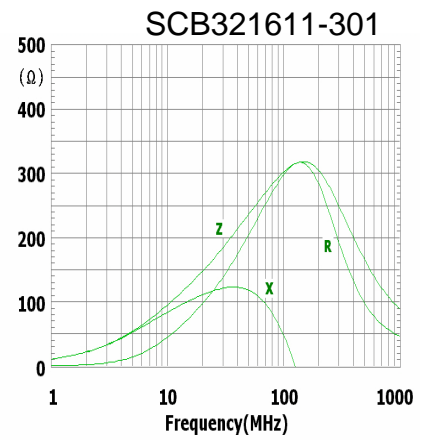
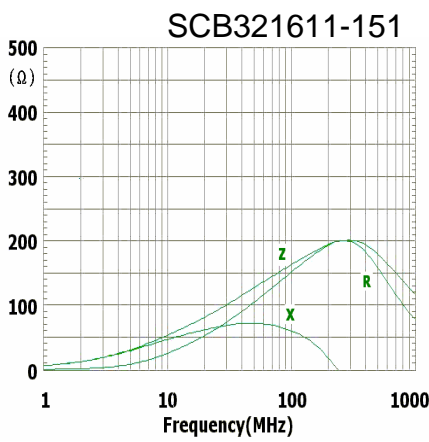
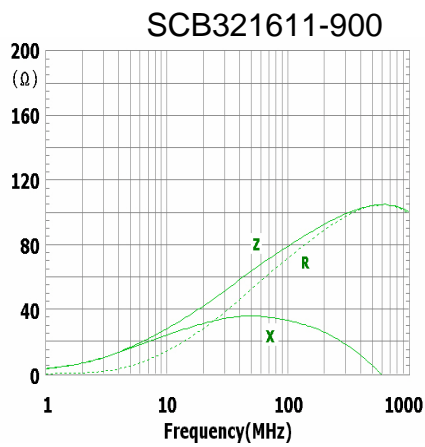
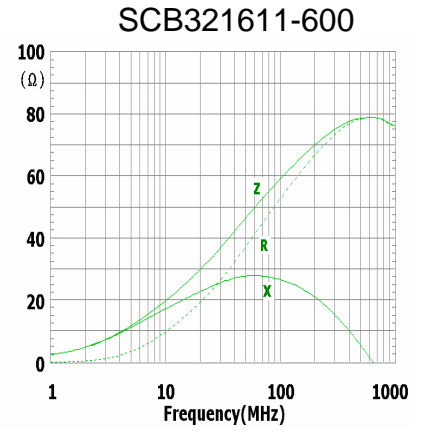
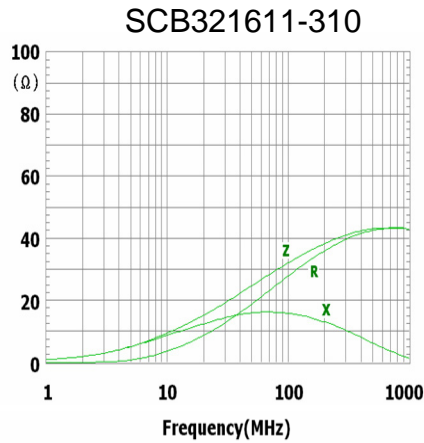
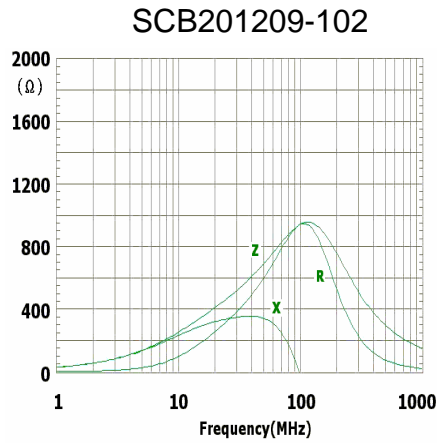
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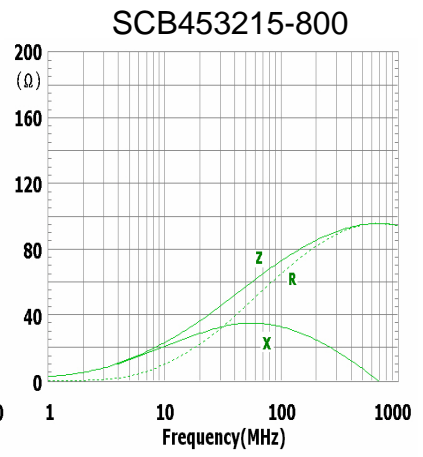
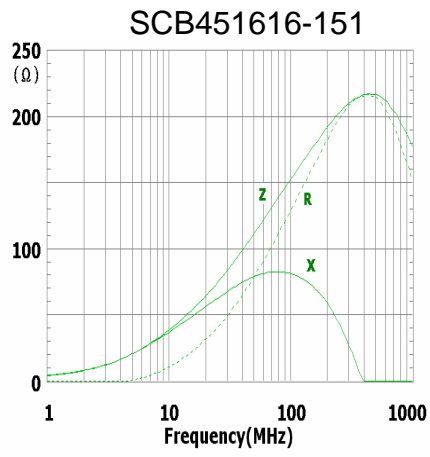
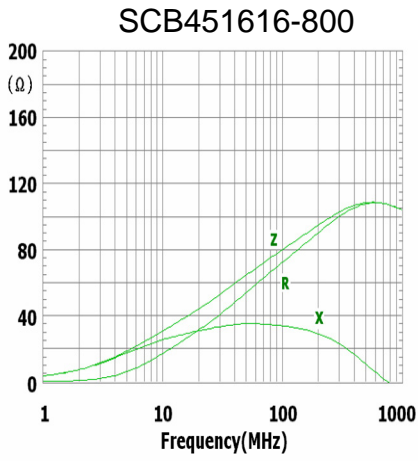
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## CHARACTERISTICS

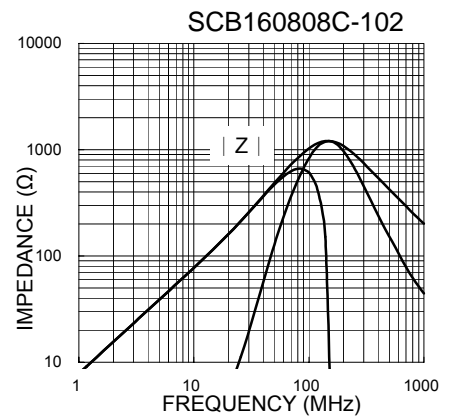
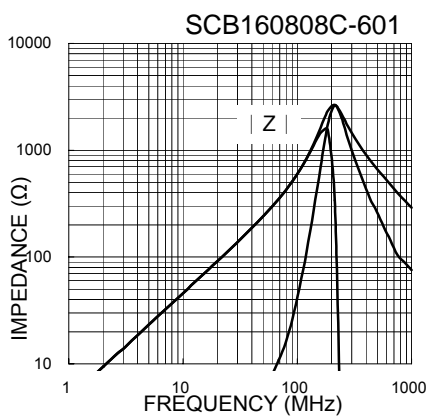
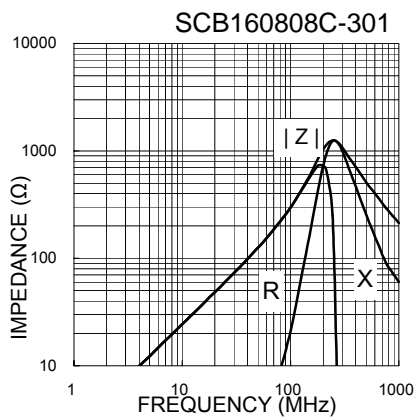
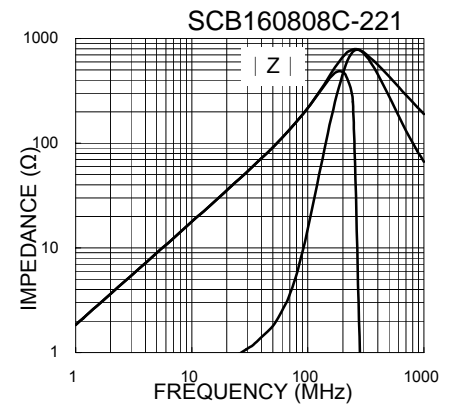
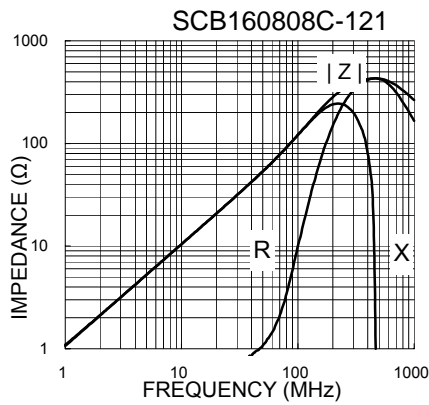
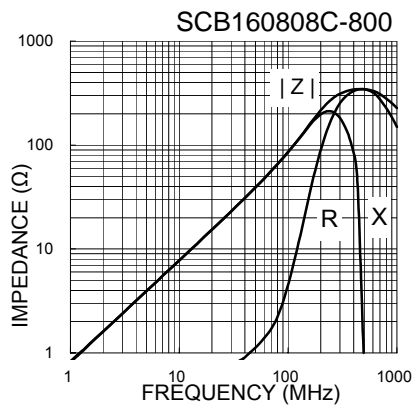
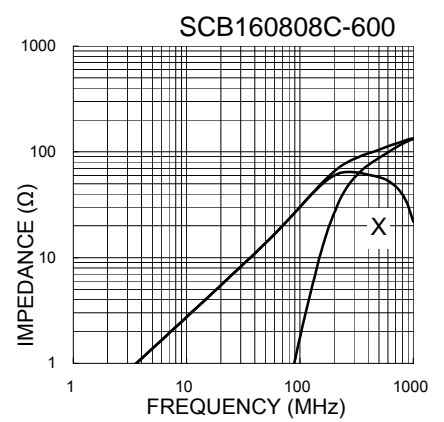
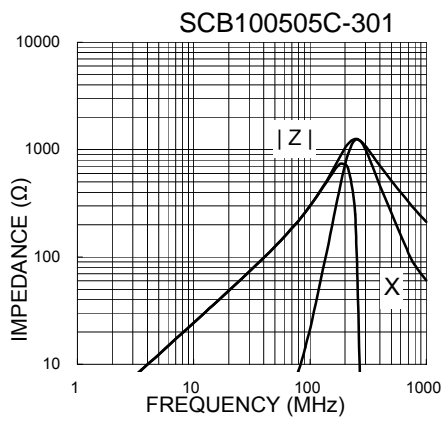
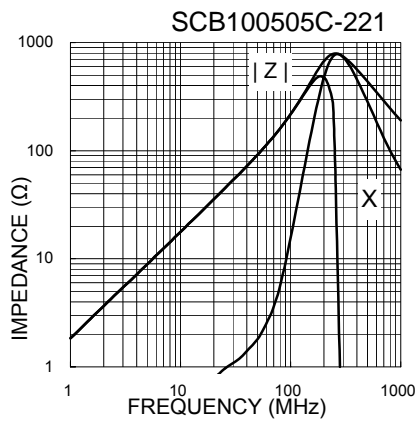
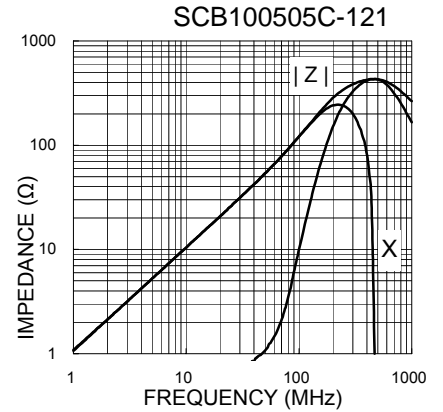
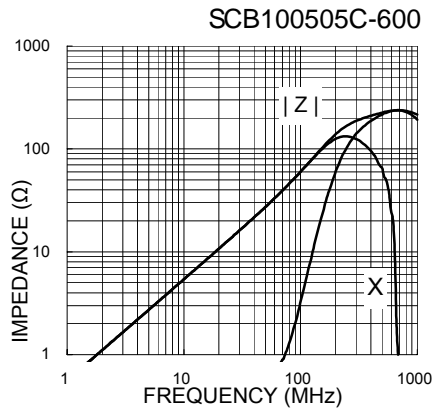
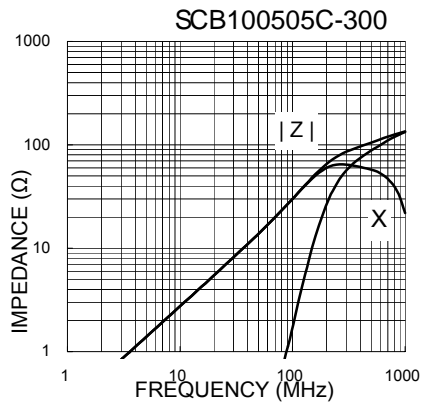


## CHARACTERISTICS

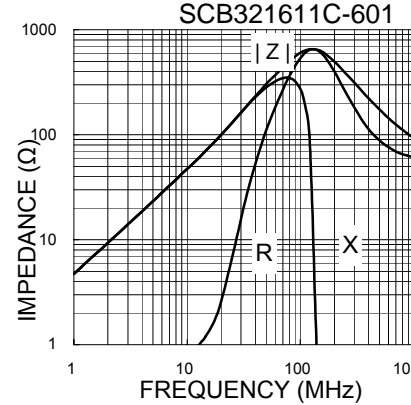
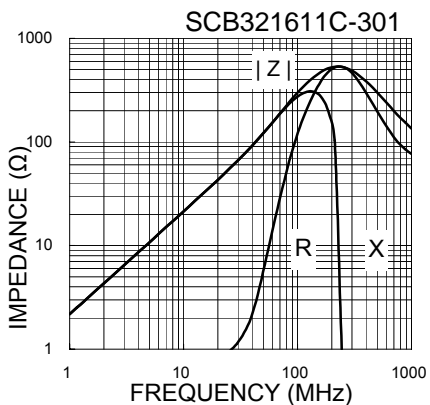
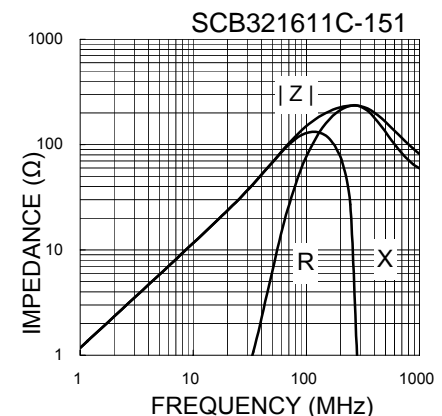
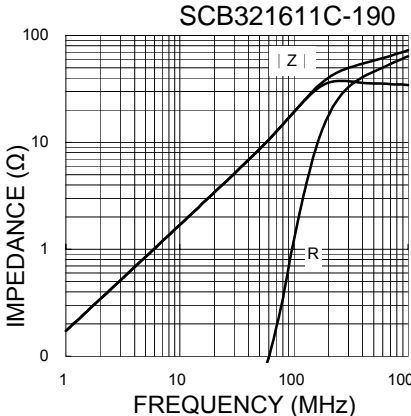
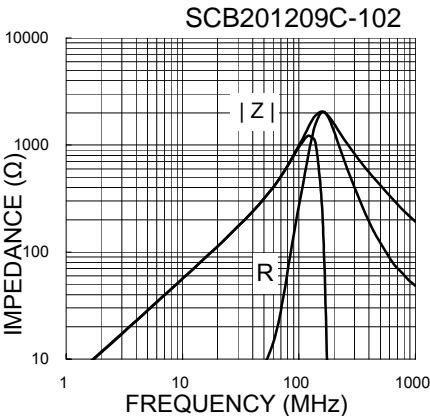
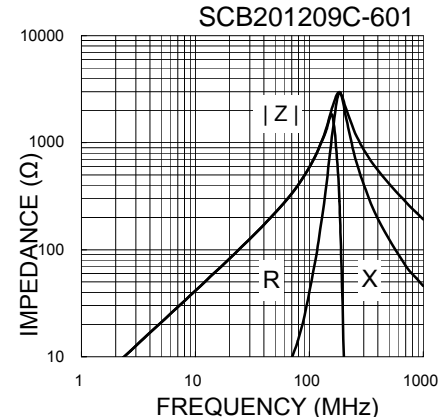
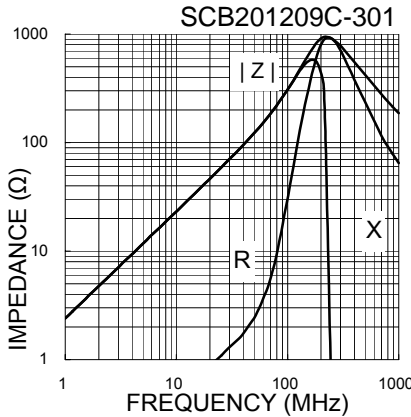
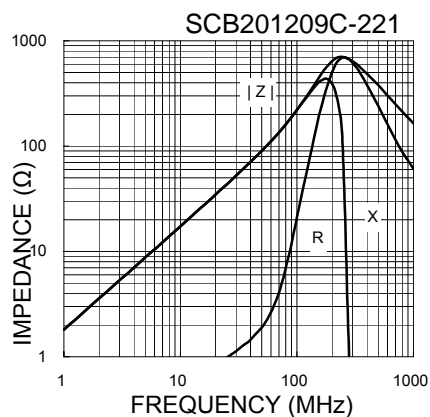
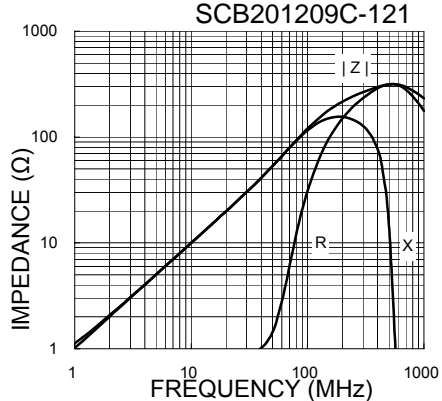
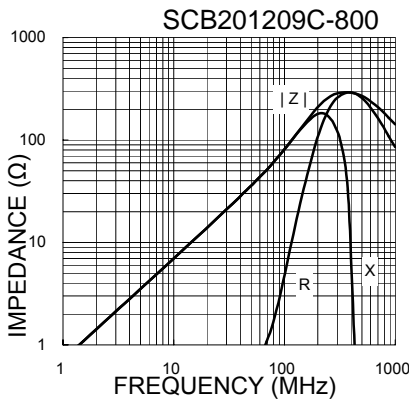
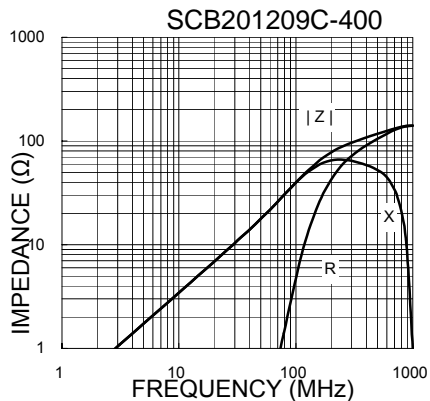




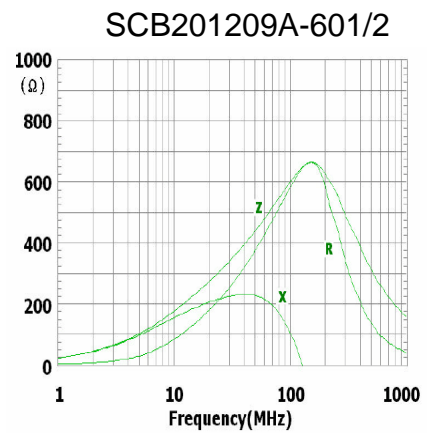
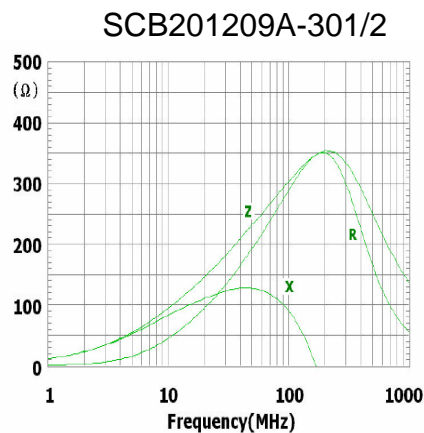
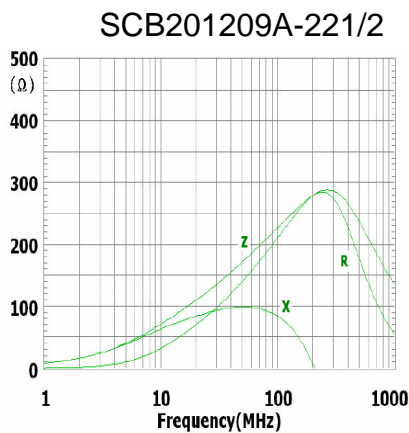
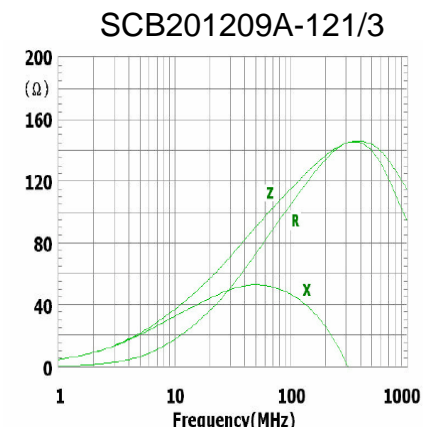
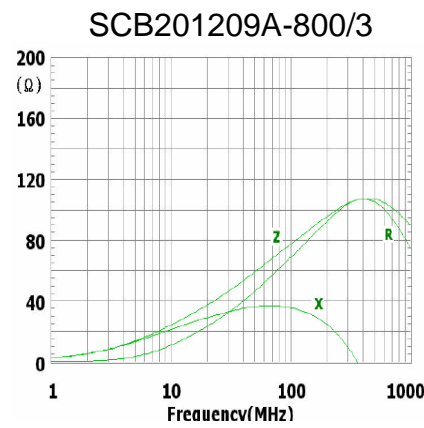
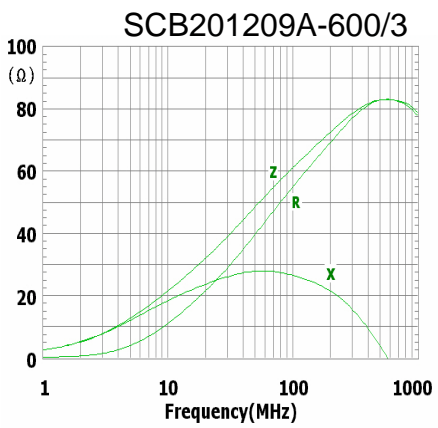
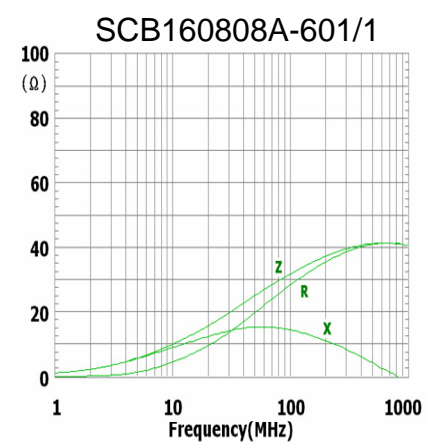
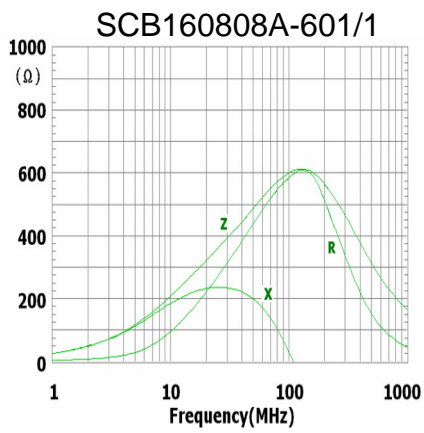
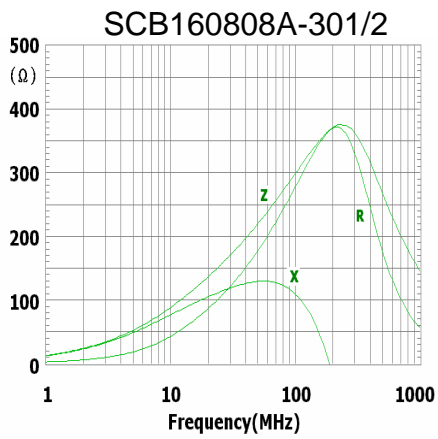
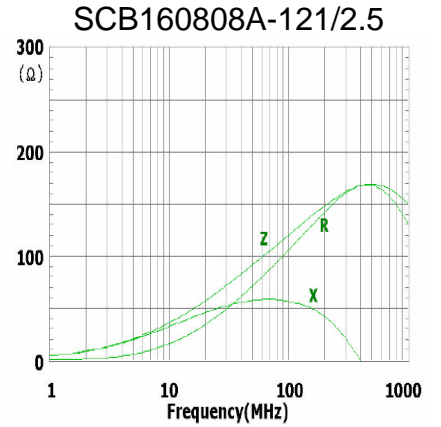
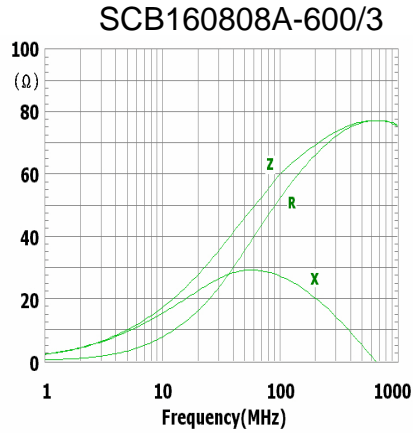
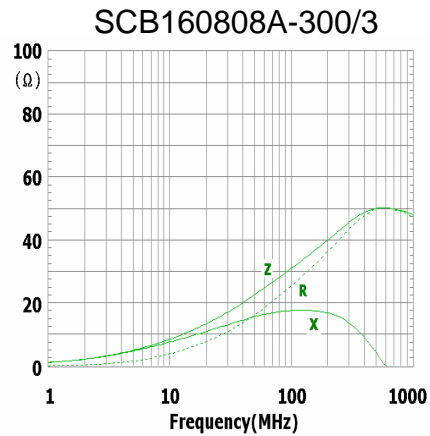
## CHARACTERISTICS



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