

Product Specification



This product is certified to comply with the RoHS Directive 2002/95/EC.

CB-H High Current Series Chip Suppressors

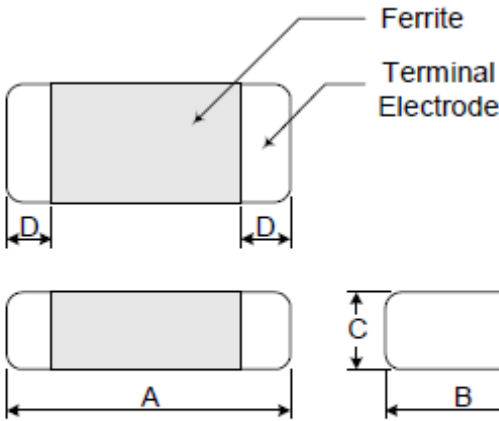


Features

- Suitable for high current applications
- Impedance over a broad range

Applications

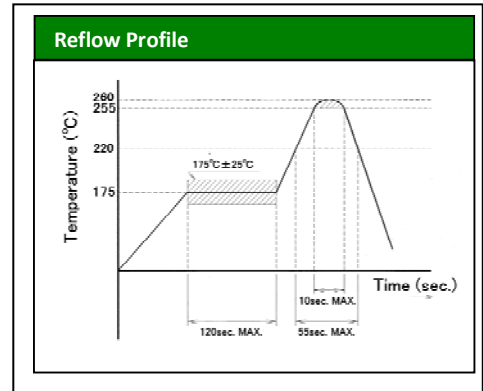
- DC power lines for USB devices
- Personal computers
- Electronic games



Dimensions (mm)

Codes	A	B	C	D
CB100505H	1.0±0.1	0.5±0.1	0.5±0.1	0.25±0.1
CB160808H	1.6±0.2	0.8±0.15	0.8±0.15	0.3±0.2
CB201209H	2.0±0.2	1.2±0.2	0.9±0.2	0.5±0.3
CB321611H	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3
CB322513H	3.2±0.2	2.5±0.2	1.3±0.2	0.5±0.3
CB451616H	4.5±0.25	1.6±0.2	1.6±0.2	0.5±0.3
CB453215H	4.5±0.25	3.2±0.2	1.5±0.2	0.5±0.3

Series Code	Tolerance	Impedance (Ohms)	RoHS
CB100505H	Y: ±25%	010: 1.0 Ohms	*
		100: 10.0 Ohms	
		101: 100.0 Ohms	



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CB100505 –H High Current Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB100505Y100H*	100	10	0.03	1000

CB160808 –H High Current Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB160808Y100H*	100	10	0.020	4000
CB160808Y110H*	100	11	0.020	4000
CB160808Y150H*	100	15	0.030	3000
CB160808Y170H*	100	17	0.030	3000
CB160808Y190H*	100	19	0.030	3000
CB160808Y200H*	100	20	0.030	3000
CB160808Y220H*	100	22	0.030	3000
CB160808Y250H*	100	25	0.030	3000
CB160808Y300H*	100	30	0.030	3000
CB160808Y310H*	100	31	0.030	3000
CB160808Y320H*	100	32	0.035	3000
CB160808Y330H*	100	33	0.035	3000
CB160808Y400H*	100	40	0.035	3000
CB160808Y470H*	100	47	0.040	3000
CB160808Y500H*	100	50	0.040	3000
CB160808Y560H*	100	56	0.040	3000
CB160808Y600H*	100	60	0.040	3000
CB160808Y680H*	100	68	0.050	2500
CB160808Y700H*	100	70	0.050	2500
CB160808Y750H*	100	75	0.050	2500
CB160808Y800H*	100	80	0.050	2500
CB160808Y900H*	100	90	0.050	2500
CB160808Y101H*	100	100	0.050	2500
CB160808Y121H*	100	120	0.080	2500
CB160808Y151H*	100	150	0.085	2000
CB160808Y181H*	100	180	0.090	2000
CB160808Y201H*	100	200	0.095	2000
CB160808Y221H*	100	220	0.100	2000
CB160808Y241H*	100	240	0.120	1500
CB160808Y301H*	100	300	0.120	1500
CB160808Y331H*	100	330	0.120	1500
CB160808Y401H*	100	400	0.120	1500
CB160808Y451H*	100	450	0.150	1500
CB160808Y471H*	100	470	0.150	1500
CB160808Y501H*	100	500	0.150	1500
CB160808Y601H*	100	600	0.200	1000
CB160808Y701H*	100	700	0.250	800
CB160808Y751H*	100	750	0.250	800
CB160808Y801H*	100	800	0.250	800
CB160808Y102H*	100	1000	0.250	800
CB160808Y152H*	100	1500	0.400	500

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CB-H High Current Series Chip Suppressors

CB201209 – H High Current Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB201209Y110H*	100	11	0.010	6000
CB201209Y130H*	100	13	0.020	5000
CB201209Y150H*	100	15	0.020	5000
CB201209Y170H*	100	17	0.020	5000
CB201209Y190H*	100	19	0.020	4000
CB201209Y220H*	100	22	0.020	4000
CB201209Y260H*	100	26	0.020	4000
CB201209Y280H*	100	28	0.020	4000
CB201209Y300H*	100	30	0.020	4000
CB201209Y310H*	100	31	0.020	4000
CB201209Y320H*	100	32	0.020	4000
CB201209Y390H*	100	39	0.020	3000
CB201209Y400H*	100	40	0.020	3000
CB201209Y420H*	100	42	0.025	3000
CB201209Y500H*	100	50	0.025	3000
CB201209Y600H*	100	60	0.030	3000
CB201209Y700H*	100	70	0.040	3000
CB201209Y750H*	100	75	0.040	3000
CB201209Y800H*	100	80	0.040	3000
CB201209Y900H*	100	90	0.040	3000
CB201209Y101H*	100	100	0.040	3000
CB201209Y121H*	100	120	0.040	3000
CB201209Y131H*	100	130	0.050	2500
CB201209Y151H*	100	150	0.050	2500
CB201209Y181H*	100	180	0.050	2500
CB201209Y201H*	100	200	0.050	2500
CB201209Y221H*	100	220	0.080	2000
CB201209Y241H*	100	240	0.080	2000
CB201209Y251H*	100	250	0.080	2000
CB201209Y301H*	100	300	0.080	2000
CB201209Y331H*	100	330	0.080	2000
CB201209Y391H*	100	390	0.100	2000
CB201209Y401H*	100	400	0.100	2000
CB201209Y451H*	100	450	0.100	2000
CB201209Y471H*	100	470	0.100	2000
CB201209Y501H*	100	500	0.100	2000
CB201209Y601H*	100	600	0.100	2000
CB201209Y751H*	100	750	0.120	1500
CB201209Y102H*	100	1000	0.120	1500
CB201209Y152H*	100	1500	0.300	1000

Issue No. 1 01/03/11

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CB-H High Current Series Chip Suppressors

CB321611 –H High Current Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB321611Y070H*	100	7	0.015	6000
CB321611Y080H*	100	8	0.015	6000
CB321611Y110H*	100	11	0.015	6000
CB321611Y190H*	100	19	0.015	6000
CB321611Y260H*	100	26	0.015	6000
CB321611Y300H*	100	30	0.015	4000
CB321611Y310H*	100	31	0.015	4000
CB321611Y320H*	100	32	0.015	4000
CB321611Y350H*	100	35	0.015	4000
CB321611Y400H*	100	40	0.015	4000
CB321611Y420H*	100	42	0.015	4000
CB321611Y480H*	100	48	0.020	4000
CB321611Y500H*	100	50	0.020	4000
CB321611Y520H*	100	52	0.020	4000
CB321611Y600H*	100	60	0.020	4000
CB321611Y680H*	100	68	0.020	4000
CB321611Y700H*	100	70	0.020	4000
CB321611Y750H*	100	75	0.025	3000
CB321611Y800H*	100	80	0.025	3000
CB321611Y900H*	100	90	0.030	3000
CB321611Y101H*	100	100	0.030	2500
CB321611Y121H*	100	120	0.030	2500
CB321611Y151H*	100	150	0.040	2000
CB321611Y201H*	100	200	0.050	2000
CB321611Y221H*	100	220	0.050	2000
CB321611Y301H*	100	300	0.060	2000
CB321611Y331H*	100	330	0.060	2000
CB321611Y391H*	100	390	0.060	2000
CB321611Y401H*	100	400	0.100	2000
CB321611Y501H*	100	500	0.100	2000
CB321611Y601H*	100	600	0.100	2000
CB321611Y102H*	50	1000	0.150	1200
CB321611Y122H*	50	1200	0.180	1000
CB321611Y152H*	50	1500	0.200	800

CB322513 –H High Current Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB322513Y190H*	100	19	0.025	4000
CB322513Y320H*	100	32	0.025	4000
CB322513Y600H*	100	60	0.025	4000
CB322513Y900H*	100	90	0.025	3000

CB451616-H High Current Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB451616Y190H*	100	19	0.020	6000
CB451616Y400H*	100	40	0.020	6000
CB451616Y500H*	100	50	0.020	6000
CB451616Y600H*	100	60	0.020	5000
CB451616Y700H*	100	70	0.025	5000
CB451616Y750H*	100	75	0.025	5000
CB451616Y800H*	100	80	0.025	4000

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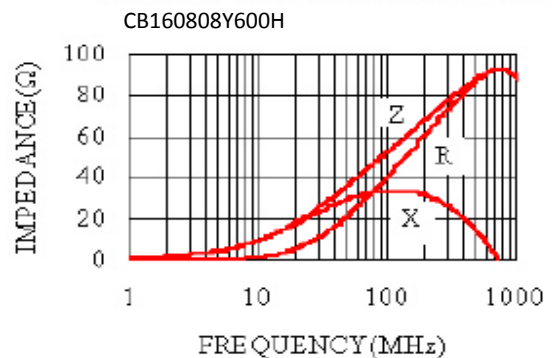
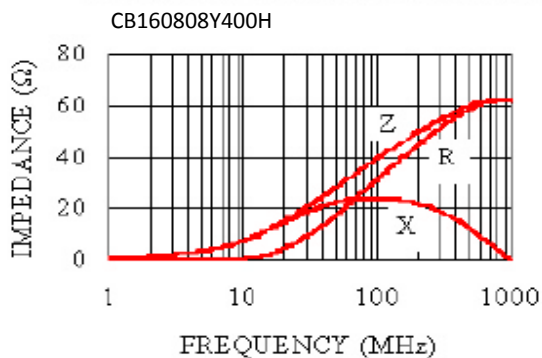
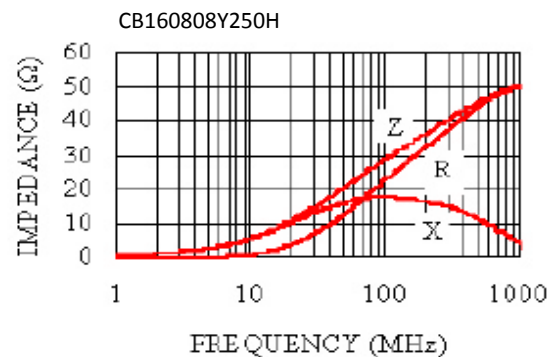
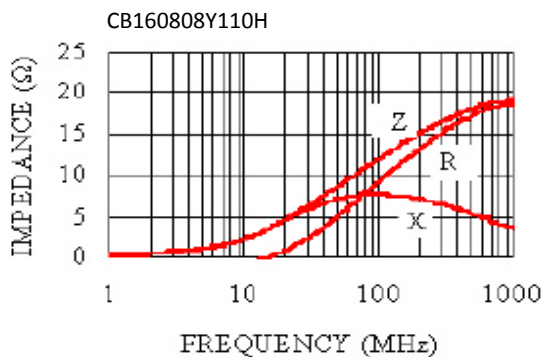
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CB-H High Current Series Chip Suppressors

CB451616Y900H*	100	90	0.100	2000
CB451616Y101H*	100	100	0.100	2000
CB451616Y151H*	100	150	0.100	2000
CB451616Y191H*	100	190	0.100	2000
CB451616Y301H*	100	300	0.100	2000
CB451616Y471H*	100	470	0.100	2000
CB451616Y601H*	100	600	0.100	2000
CB451616Y850H*	100	850	0.100	2000
CB451616Y102H*	100	1000	0.100	2000
CB451616Y132H*	100	1300	0.100	2000

CB453215 –H High Current Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB453215Y190H*	100	19	0.030	6000
CB453215Y300H*	100	30	0.030	6000
CB453215Y470H*	100	47	0.030	6000
CB453215Y500H*	100	50	0.030	6000
CB453215Y600H*	100	60	0.030	6000
CB453215Y700H*	100	70	0.030	6000
CB453215Y800H*	100	80	0.030	4000
CB453215Y900H*	100	90	0.030	4000
CB453215Y121H*	100	100	0.030	4000
CB453215Y151H*	100	150	0.030	4000
CB453215Y191H*	100	190	0.030	4000



CB160808Y121H

CB160808Y301H

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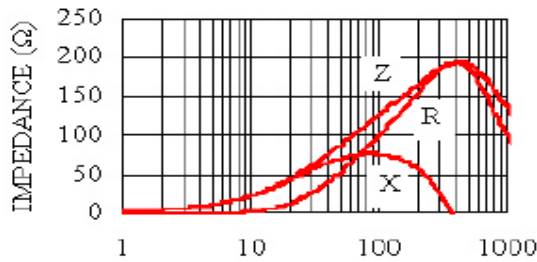


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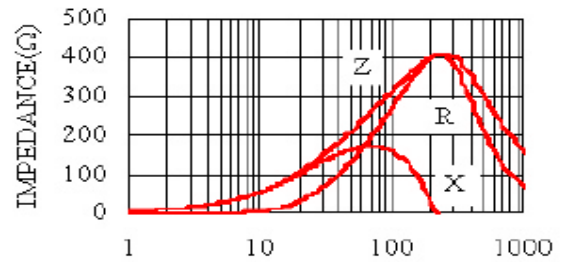


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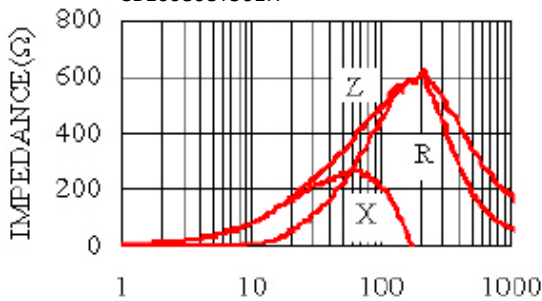
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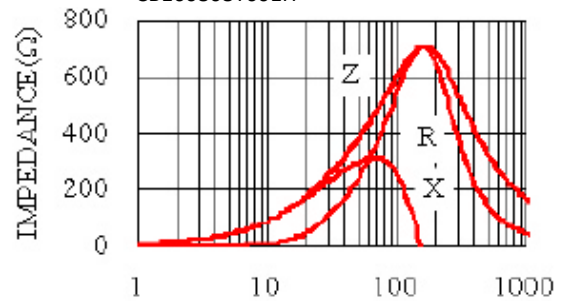
RDC : 0.05 Ω Rated current : 2500 mA
CB160808Y501H



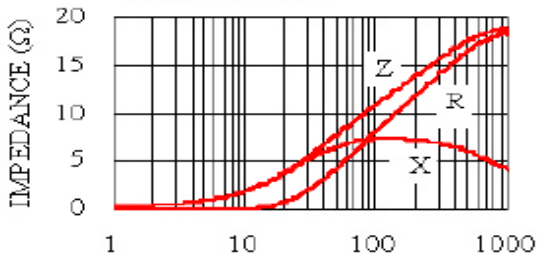
RDC : 0.10 Ω Rated current : 2000 mA
CB160808Y601H



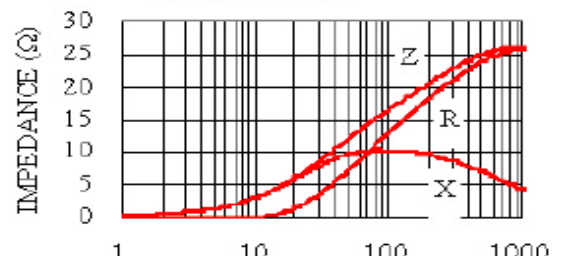
RDC : 0.15 Ω Rated current : 1500 mA
CB201209Y110H



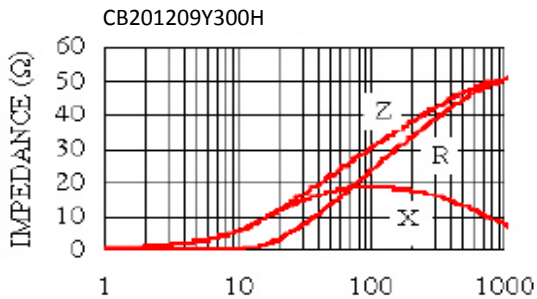
RDC : 0.20 Ω Rated current : 1000 mA
CB201209Y170H



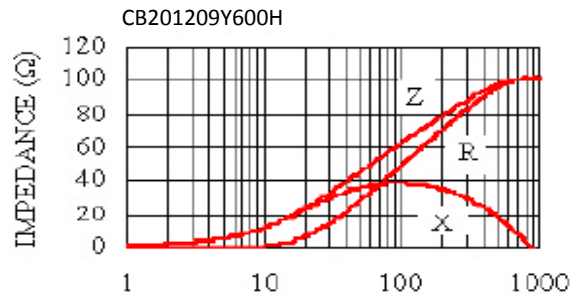
RDC : 0.01 Ω Rated current : 6000 mA



RDC : 0.02 Ω Rated current : 5000 mA



RDC : 0.02 Ω Rated current : 4000 mA



RDC : 0.03 Ω Rated current : 3000 mA

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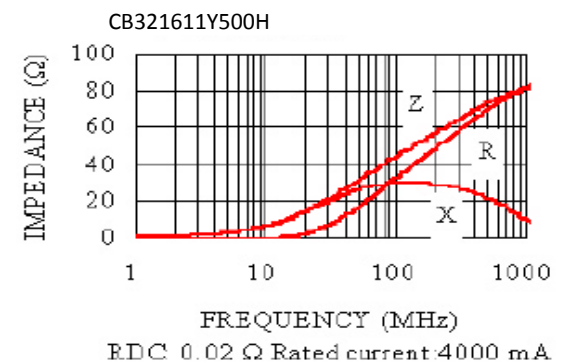
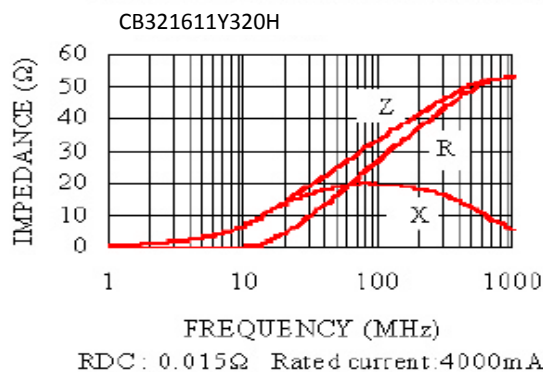
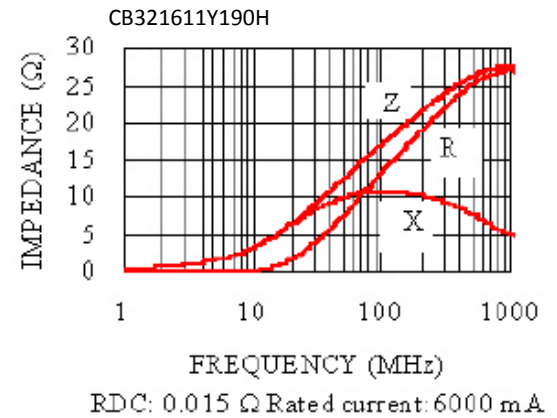
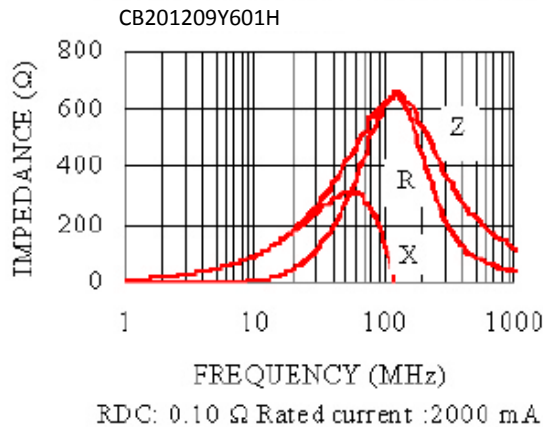
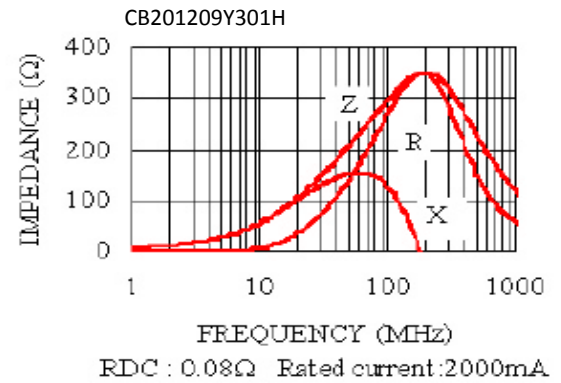
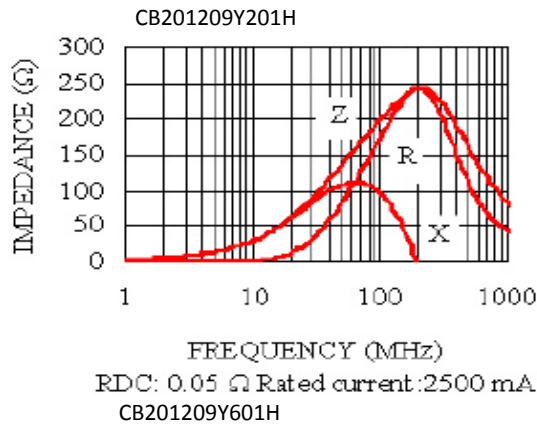
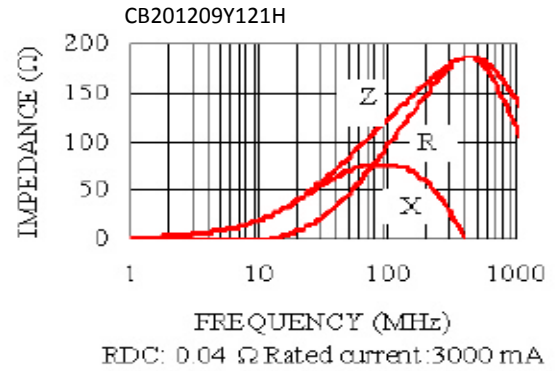
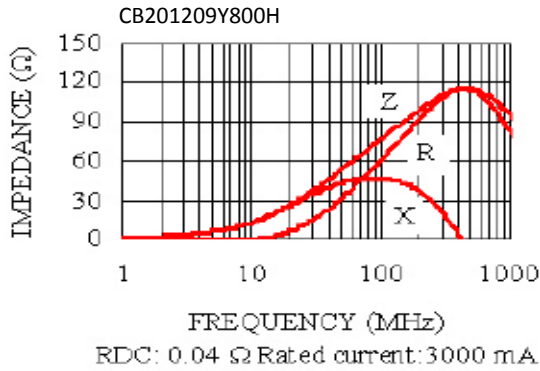


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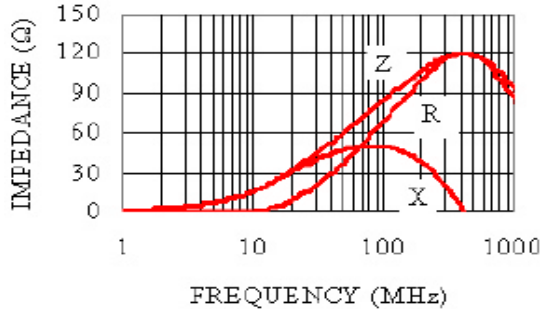
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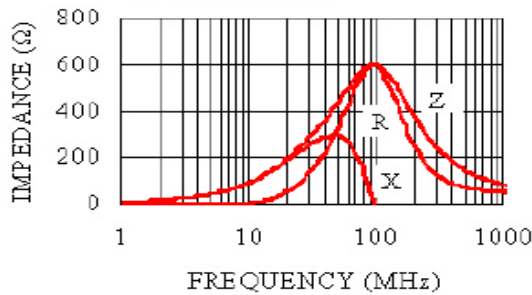
CB-H High Current Series Chip Suppressors

CB321611Y800H



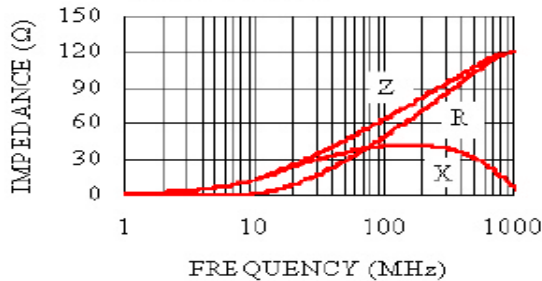
RDC : 0.025Ω Rated current: 3000mA

CB321611Y601H



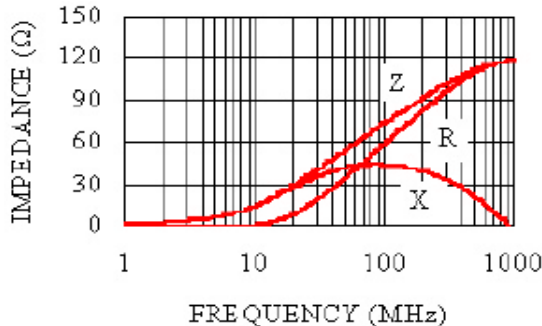
RDC : 0.10Ω Rated current: 1800mA

CB451616Y600H



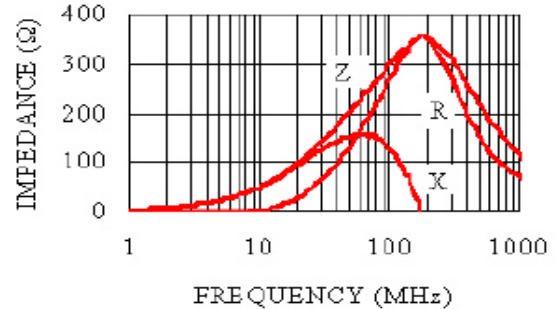
RDC : 0.02 Ω Rated current: 5000 mA

CB453215Y700H



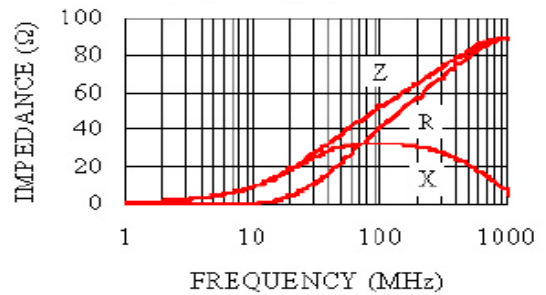
RDC : 0.03 Ω Rated current: 6000 mA

CB321611Y190H



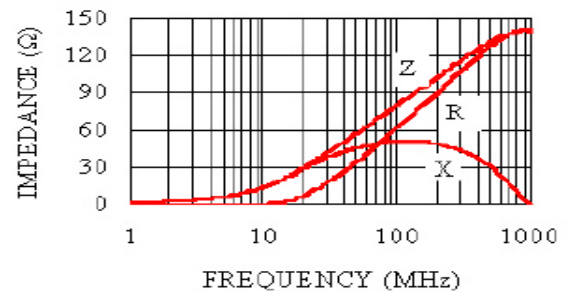
RDC : 0.06 Ω Rated current: 2000 mA

CB451616Y500H



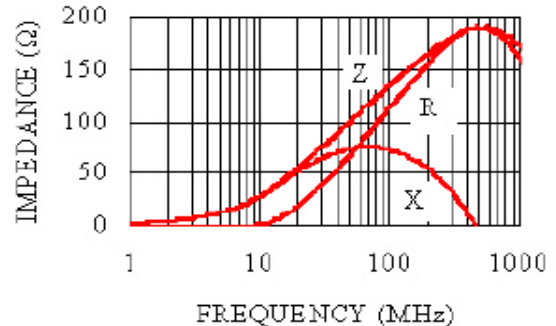
RDC : 0.02 Ω Rated current : 6000 mA

CB451616Y800H



RDC : 0.025Ω Rated current: 4000mA

CB453215Y121H



RDC : 0.03 Ω Rated current : 4000 mA

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