

Product Specification



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

CB-Q High Speed Series Chip Suppressors

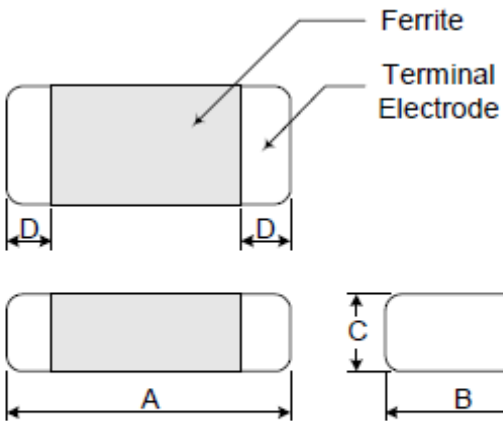


Features

- Exhibits high impedance, with sharp increase at high speed signal frequencies

Applications

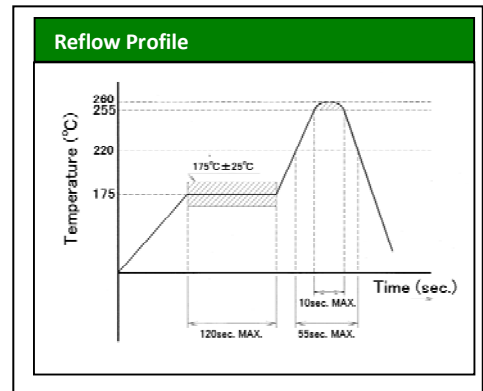
- High speed circuits for computers and peripherals
- Cellular phones



Dimensions (mm)

Codes	A	B	C	D
CB100505Q				
CB160808Q				
CB201209Q				
CB321611Q	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3

Series Code	Tolerance	Impedance (Ohms)	RoHS
CB100505Q	Y: ±25%	010: 1.0 Ohms	*
		100: 10.0 Ohms	
		101: 100.0 Ohms	



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CB100505-Q High Speed Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB100505Y060Q*	100	6	0.08	300
CB100505Y100Q*	100	10	0.10	300
CB100505Y220Q*	100	22	0.25	300
CB100505Y260Q*	100	26	0.25	300
CB100505Y300Q*	100	30	0.25	300
CB100505Y400Q*	100	40	0.25	300
CB100505Y750Q*	100	75	0.30	300
CB100505Y800Q*	100	80	0.30	300
CB100505Y101Q*	100	100	0.40	300
CB100505Y121Q*	100	120	0.40	300
CB100505Y221Q*	100	220	0.60	200

CB160808-Q High Speed Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB160808Y060Q*	100	6	0.05	500
CB160808Y070Q*	100	7	0.05	400
CB160808Y100Q*	100	10	0.07	400
CB160808Y190Q*	100	19	0.20	300
CB160808Y200Q*	100	20	0.20	300
CB160808Y220Q*	100	22	0.20	300
CB160808Y300Q*	100	30	0.20	300
CB160808Y400Q*	100	40	0.20	300
CB160808Y470Q*	100	47	0.20	300
CB160808Y500Q*	100	50	0.25	300
CB160808Y600Q*	100	60	0.20	300
CB160808Y680Q*	100	68	0.20	300
CB160808Y700Q*	100	70	0.20	300
CB160808Y750Q*	100	75	0.20	300
CB160808Y800Q*	100	80	0.20	300
CB160808Y101Q*	100	100	0.30	300
CB160808Y121Q*	100	120	0.30	300
CB160808Y131Q*	100	130	0.30	300
CB160808Y141Q*	100	140	0.30	200
CB160808Y151Q*	100	150	0.30	200
CB160808Y161Q*	100	160	0.30	200
CB160808Y181Q*	100	180	0.35	200
CB160808Y201Q*	100	200	0.35	200
CB160808Y221Q*	100	220	0.35	200
CB160808Y241Q*	100	240	0.35	200
CB160808Y301Q*	100	300	0.40	200
CB160808Y401Q*	100	400	0.50	200
CB160808Y421Q*	100	420	0.50	200
CB160808Y471Q*	100	470	0.50	200
CB160808Y481Q*	100	480	0.50	200
CB160808Y601Q*	100	600	0.50	200
CB160808Y102Q*	100	1000	0.60	100
CB160808Y122Q*	100	1200	0.60	100
CB160808Y152Q*	100	1500	0.70	100
CB160808Y182Q*	100	1800	0.80	100
CB160808Y222Q*	100	2200	1.00	50
CB160808Y252Q*	100	2500	1.50	50

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CB201209-Q High Speed Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB201209Y050Q*	100	5	0.07	800
CB201209Y060Q*	100	6	0.07	800
CB201209Y070Q*	100	7	0.10	700
CB201209Y110Q*	100	11	0.10	700
CB201209Y260Q*	100	26	0.15	600
CB201209Y300Q*	100	30	0.15	600
CB201209Y320Q*	100	32	0.15	600
CB201209Y400Q*	100	40	0.15	500
CB201209Y600Q*	100	60	0.15	500
CB201209Y700Q*	100	70	0.15	500
CB201209Y750Q*	100	75	0.15	500
CB201209Y900Q*	100	90	0.15	500
CB201209Y101Q*	100	100	0.20	400
CB201209Y121Q*	100	120	0.20	400
CB201209Y151Q*	100	150	0.20	400
CB201209Y171Q*	100	170	0.30	400
CB201209Y201Q*	100	200	0.30	300
CB201209Y221Q*	100	220	0.30	300
CB201209Y241Q*	100	240	0.30	300
CB201209Y301Q*	100	300	0.30	300
CB201209Y401Q*	100	400	0.30	300
CB201209Y421Q*	100	420	0.30	300
CB201209Y471Q*	100	470	0.35	200
CB201209Y501Q*	100	500	0.35	200
CB201209Y601Q*	100	600	0.35	200
CB201209Y751Q*	100	750	0.40	200
CB201209Y102Q*	100	1000	0.40	200
CB201209Y122Q*	100	1200	0.45	200
CB201209Y152Q*	100	1500	0.45	200
CB201209Y202Q*	100	2000	0.50	200
CB201209Y222Q*	100	2200	0.50	200
CB201209Y252Q*	100	2500	0.60	200
CB201209Y272Q*	100	2700	0.60	200

CB321611-Q High Speed Series

Part Number	Test Frequency (MHz)	Impedance $\Omega \pm 25\%$	DC Resistance (Ω max)	Rated Current (mA) max
CB321611Y150Q*	100	15	0.15	600
CB321611Y170Q*	100	17	0.15	600
CB321611Y190Q*	100	19	0.15	600
CB321611Y300Q*	100	30	0.15	600
CB321611Y320Q*	100	32	0.15	600
CB321611Y500Q*	100	50	0.15	500
CB321611Y600Q*	100	60	0.15	500
CB321611Y800Q*	100	80	0.15	500
CB321611Y900Q*	100	90	0.15	500
CB321611Y121Q*	100	120	0.20	400
CB321611Y151Q*	100	150	0.20	400
CB321611Y201Q*	100	200	0.25	300
CB321611Y221Q*	100	220	0.30	300
CB321611Y301Q*	100	300	0.30	300
CB321611Y351Q*	100	350	0.30	300
CB321611Y401Q*	100	400	0.30	300
CB321611Y601Q*	100	600	0.35	300
CB321611Y102Q*	100	1000	0.40	200

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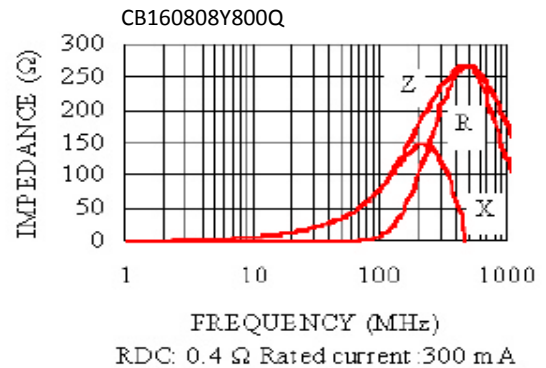
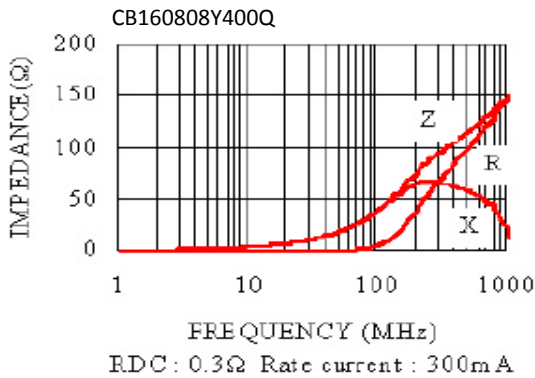
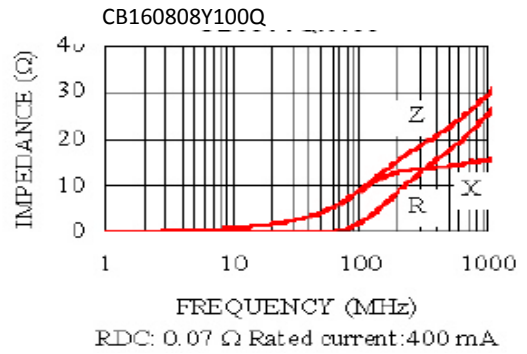
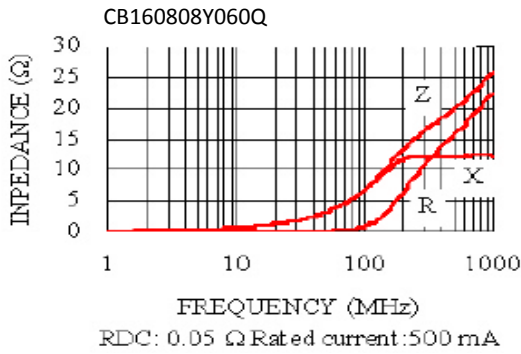
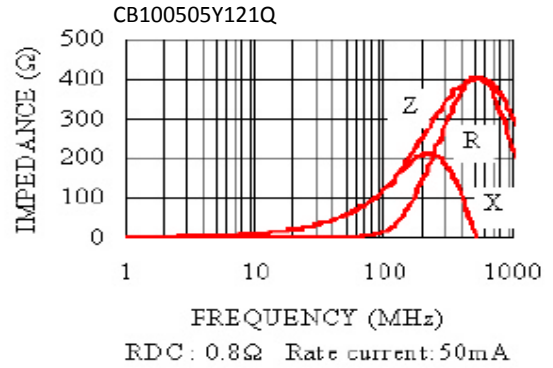
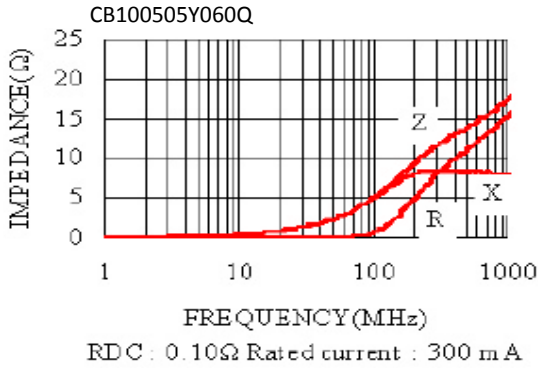
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CB321611Y122Q*	100	1200	1.40	200
CB321611Y152Q*	100	1500	0.45	200



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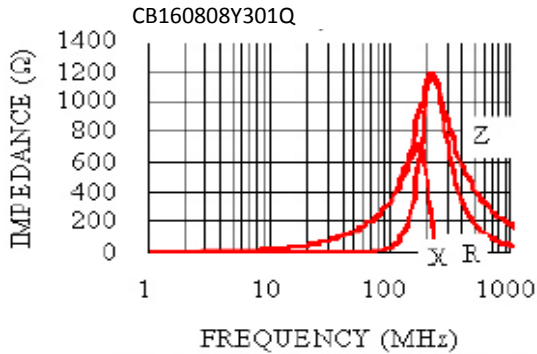


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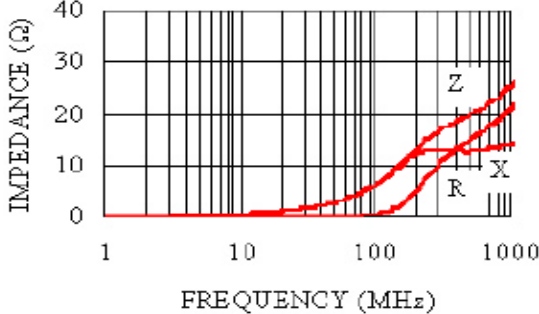


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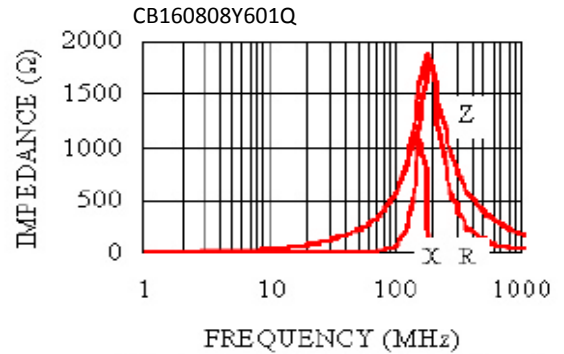
CB-Q High Speed Series Chip Suppressors



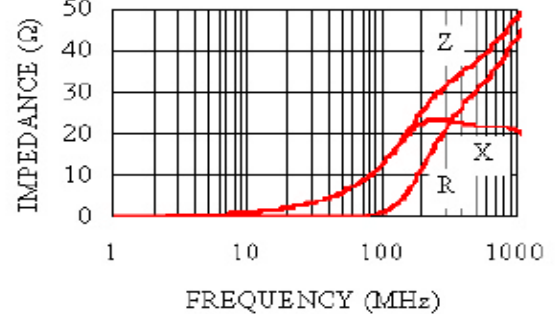
RDC: 0.5 Ω Rated current: 200 mA
CB201209Y060Q



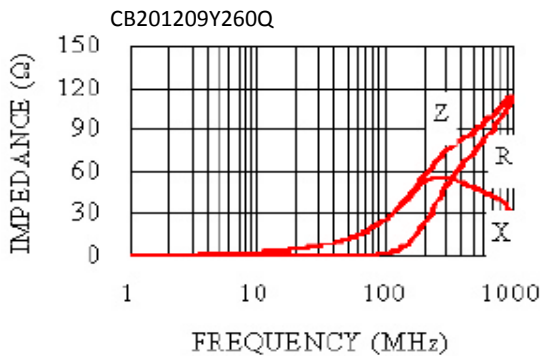
RDC: 0.07 Ω Rated current: 800 mA



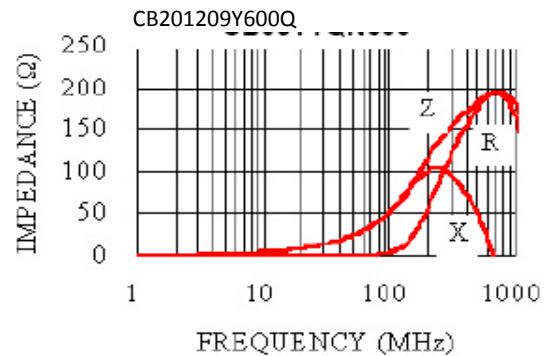
RDC: 0.6 Ω Rated current: 100 mA
CB201209Y110Q



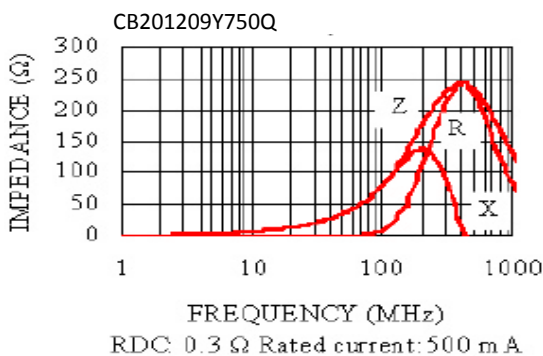
RDC: 0.1 Ω Rated current: 700 mA



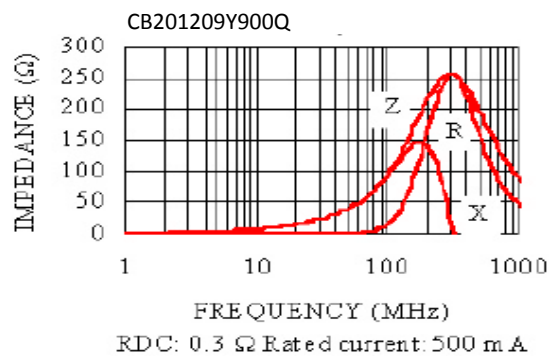
RDC: 0.2 Ω Rated current: 600 mA



RDC: 0.3 Ω Rated current: 500 mA



RDC: 0.3 Ω Rated current: 500 mA



RDC: 0.3 Ω Rated current: 500 mA

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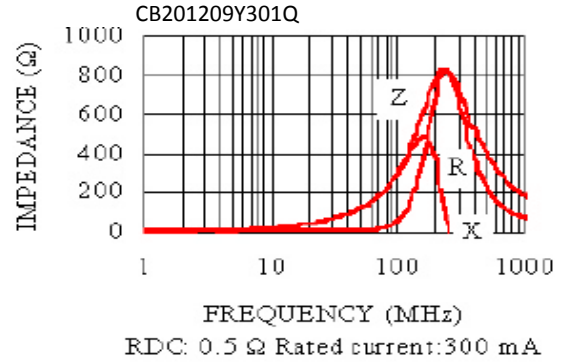
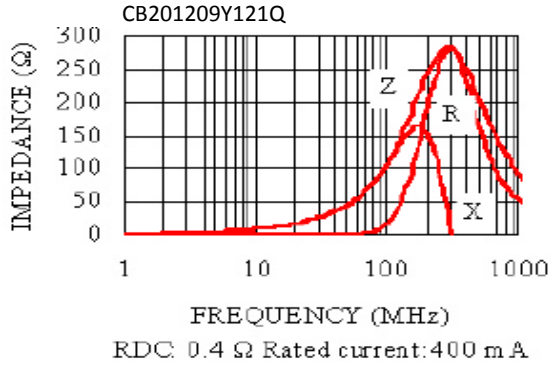


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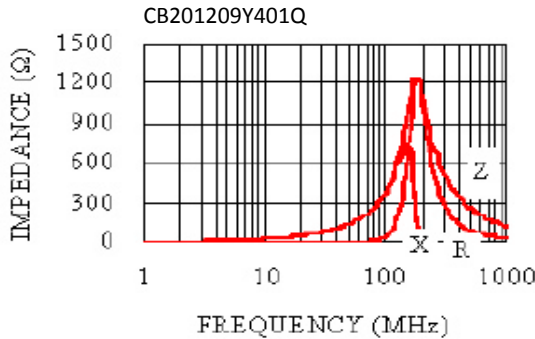
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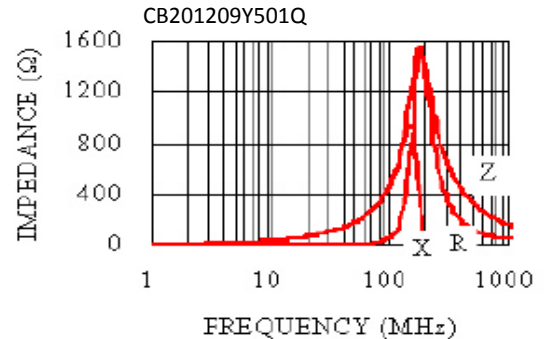


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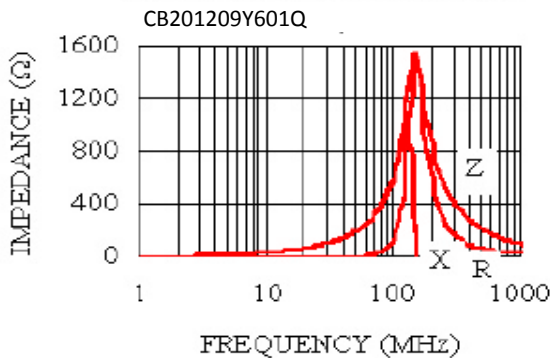
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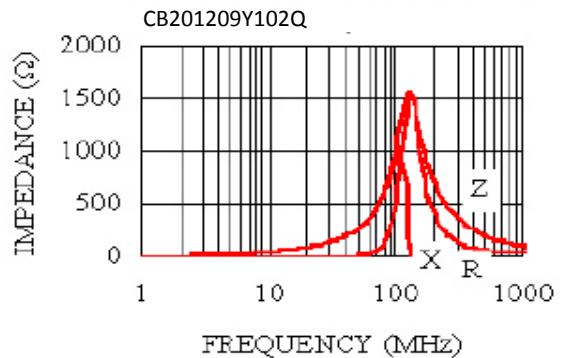
RDC: 0.5 Ω Rated current: 300 mA



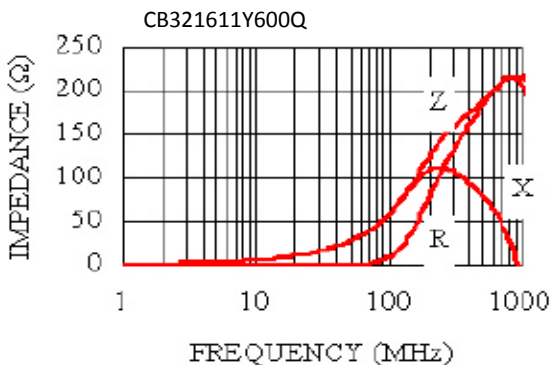
RDC: 0.5 Ω Rated current: 200 mA



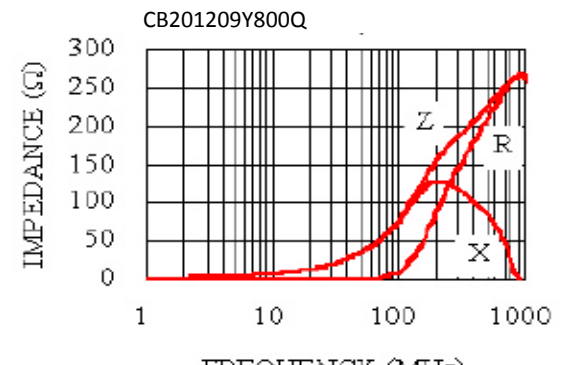
RDC: 0.5 Ω Rated current: 200 mA



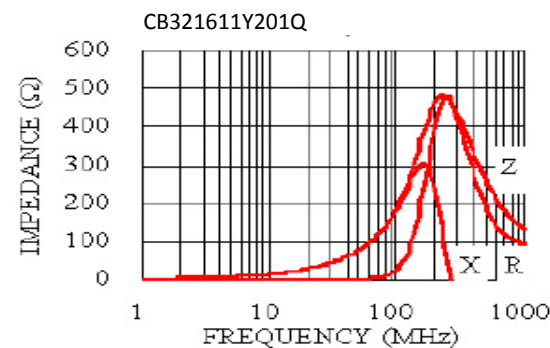
RDC: 0.6 Ω Rated current: 100 mA



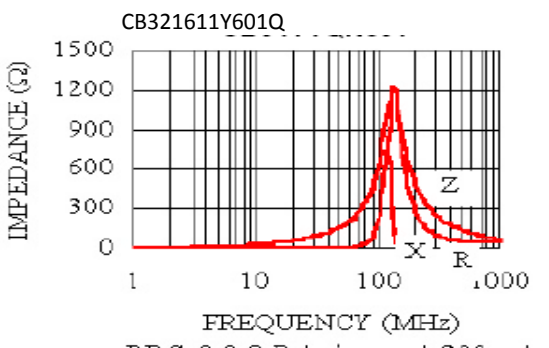
RDC: 0.3 Ω Rated current: 500 mA



RDC: 0.3 Ω Rated current: 500 mA



RDC: 0.5 Ω Rated current: 300 mA



RDC: 0.8 Ω Rated current: 300 mA

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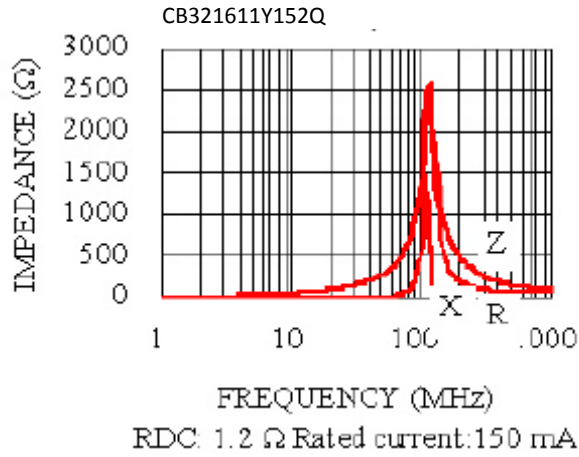
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