

FEATURES

- Internal silver printed layers and magnetic shielded structures to minimize crosstalk.
- Can be used in a wide range of frequency to suppress EMI.
- Operating temperature:-55℃~+125℃.



APPLICATIONS

- Noise suppression for signal line of electric equipments such as computers and peripheral devices, DVD cameras, LCD TVs, communication equipments, OA equipments, etc.

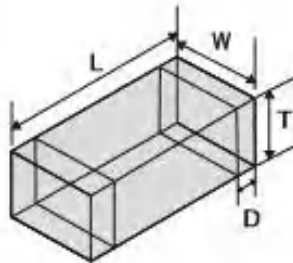
PRODUCT IDENTIFICATION

FCB 1608 S 601 T

(1) (2) (3) (4) (5)

- (1) 系列名称 Series name
- (2) 产品尺寸 Product dimensions
- (3) 特性类别 Feature Type
- (4) 阻抗值 Impedance Value (100:10Ω, 101:100Ω, 102:1000Ω)
- (5) 包装 Package(T:Tape&Reel 卷盘编带)

SHAPE AND DIMENSIONS



Series	L	W	T	D
FCB0603	0.6±0.03	0.3±0.03	0.3±0.03	0.15±0.05
FCB1005	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.10
FCB1608	1.6±0.20	0.8±0.20	0.8±0.20	0.3±0.20
FCB2012	2.0±0.20	1.2±0.20	0.9±0.20	0.5±0.30
FCB3216	3.2±0.20	1.6±0.20	0.9±0.20	0.5±0.30
FCB3225	3.2±0.20	2.5±0.20	1.3±0.20	0.5±0.30
FCB4516	4.5±0.20	1.6±0.20	1.6±0.20	0.5±0.30
FCB4532	4.5±0.20	3.2±0.20	1.5±0.20	0.5±0.30

Unit:mm

SPECIFICATIONS

FCB0603 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB0603S100T	10	$\pm 5\Omega$	100	0.10	500
FCB0603S220T	22	$\pm 25\%$	100	0.25	300
FCB0603S330T	33	$\pm 25\%$	100	0.30	300
FCB0603S600T	60	$\pm 25\%$	100	0.40	200
FCB0603S700T	70	$\pm 25\%$	100	0.40	200
FCB0603S800T	80	$\pm 25\%$	100	0.40	200
FCB0603S121T	120	$\pm 25\%$	100	0.50	200
FCB0603S241T	240	$\pm 25\%$	100	0.80	200
FCB0603S601T	600	$\pm 25\%$	100	1.50	100
FCB0603S102T	1000	$\pm 25\%$	100	2.50	100

FCB1005 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB1005S000T	0	0~15 Ω	100	0.05	500
FCB1005S050T	5	0~15 Ω	100	0.05	500
FCB1005S070T	7	0~11 Ω	100	0.05	500
FCB1005S090T	9	5~13 Ω	100	0.05	500
FCB1005S110T	11	7~15 Ω	100	0.05	500
FCB1005S150T	15	9~21 Ω	100	0.05	500
FCB1005S190T	19	12~25 Ω	100	0.10	300
FCB1005S260T	26	$\pm 25\%$	100	0.13	300
FCB1005S310T	31	$\pm 25\%$	100	0.20	300
FCB1005S360T	36	$\pm 25\%$	100	0.20	300
FCB1005S600T	60	$\pm 25\%$	100	0.30	200
FCB1005S800T	80	$\pm 25\%$	100	0.35	200
FCB1005S101T	100	$\pm 25\%$	100	0.35	200
FCB1005S121T	120	$\pm 25\%$	100	0.40	200
FCB1005S151T	150	$\pm 25\%$	100	0.47	200
FCB1005S181T	180	$\pm 25\%$	100	0.52	150
FCB1005S201T	200	$\pm 25\%$	100	0.52	150
FCB1005S221T	220	$\pm 25\%$	100	0.52	150
FCB1005S301T	300	$\pm 25\%$	100	0.65	100
FCB1005S501T	500	$\pm 25\%$	100	0.90	100
FCB1005S601T	600	$\pm 25\%$	100	1.00	100
FCB1005S801T	800	$\pm 25\%$	100	1.30	100
FCB1005S102T	1000	$\pm 25\%$	100	1.40	100

FCB1608 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB1608S000T	0	0~15 Ω	100	0.05	2000
FCB1608S050T	5	0~15 Ω	100	0.05	2000
FCB1608S070T	7	0~11 Ω	100	0.05	2000
FCB1608S090T	9	5~13 Ω	100	0.05	2000
FCB1608S110T	11	7~15 Ω	100	0.05	2000
FCB1608S150T	15	9~21 Ω	100	0.05	2000
FCB1608S190T	19	12~25 Ω	100	0.05	2000
FCB1608S260T	26	$\pm 25\%$	100	0.05	2000
FCB1608S310T	31	$\pm 25\%$	100	0.05	1000
FCB1608S600T	60	$\pm 25\%$	100	0.15	400
FCB1608S700T	70	$\pm 25\%$	100	0.15	400
FCB1608S800T	80	$\pm 25\%$	100	0.15	400
FCB1608S101T	100	$\pm 25\%$	100	0.20	300
FCB1608S121T	120	$\pm 25\%$	100	0.20	300
FCB1608S151T	150	$\pm 25\%$	100	0.20	300
FCB1608S181T	180	$\pm 25\%$	100	0.30	300
FCB1608S221T	220	$\pm 25\%$	100	0.30	300
FCB1608S301T	300	$\pm 25\%$	100	0.35	200
FCB1608S501T	500	$\pm 25\%$	100	0.45	200
FCB1608S601T	600	$\pm 25\%$	100	0.45	200
FCB1608S801T	800	$\pm 25\%$	100	0.60	200
FCB1608S102T	1000	$\pm 25\%$	100	0.60	200
FCB1608S122T	1200	$\pm 25\%$	100	0.70	200
FCB1608S152T	1500	$\pm 25\%$	100	0.70	200
FCB1608S182T	1800	$\pm 25\%$	100	0.90	150
FCB1608S202T	2000	$\pm 25\%$	100	1.10	150
FCB1608S222T	2200	$\pm 25\%$	100	1.20	100
FCB1608S252T	2500	$\pm 25\%$	100	1.30	50

FCB2012 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB2012S000T	0	0~15 Ω	100	0.04	2200
FCB2012S050T	5	0~15 Ω	100	0.04	2200
FCB2012S070T	7	0~11 Ω	100	0.04	2200
FCB2012S090T	9	5~13 Ω	100	0.04	2200
FCB2012S110T	11	7~15 Ω	100	0.04	2200
FCB2012S150T	15	9~21 Ω	100	0.04	2200
FCB2012S190T	19	12~25 Ω	100	0.04	2200
FCB2012S260T	26	$\pm 25\%$	100	0.05	1500
FCB2012S310T	31	$\pm 25\%$	100	0.05	1500
FCB2012S360T	36	$\pm 25\%$	100	0.05	1500
FCB2012S600T	60	$\pm 25\%$	100	0.10	1000
FCB2012S700T	70	$\pm 25\%$	100	0.10	1000
FCB2012S800T	80	$\pm 25\%$	100	0.10	1000
FCB2012S101T	100	$\pm 25\%$	100	0.15	800
FCB2012S121T	120	$\pm 25\%$	100	0.15	800
FCB2012S151T	150	$\pm 25\%$	100	0.18	700
FCB2012S181T	180	$\pm 25\%$	100	0.18	700
FCB2012S221T	220	$\pm 25\%$	100	0.20	600
FCB2012S301T	300	$\pm 25\%$	100	0.20	600
FCB2012S501T	500	$\pm 25\%$	100	0.30	550
FCB2012S601T	600	$\pm 25\%$	100	0.30	550
FCB2012S801T	800	$\pm 25\%$	100	0.35	500
FCB2012S102T	1000	$\pm 25\%$	100	0.35	500
FCB2012S122T	1200	$\pm 25\%$	100	0.40	500
FCB2012S152T	1500	$\pm 25\%$	100	0.40	500
FCB2012S202T	2000	$\pm 25\%$	100	0.45	500
FCB2012S222T	2200	$\pm 25\%$	100	0.45	500
FCB2012S252T	2500	$\pm 25\%$	100	0.50	400
FCB2012S272T	2700	$\pm 25\%$	100	0.60	200
FCB2012S302T	3000	$\pm 25\%$	100	0.60	200

FCB3216 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB3216S000T	0	0~15 Ω	100	0.05	2200
FCB3216S050T	5	0~15 Ω	100	0.05	2200
FCB3216S070T	7	0~11 Ω	100	0.05	2200
FCB3216S090T	9	5~13 Ω	100	0.05	2000
FCB3216S110T	11	7~15 Ω	100	0.05	2000
FCB3216S150T	15	9~21 Ω	100	0.05	2000
FCB3216S190T	19	12~25 Ω	100	0.05	2000
FCB3216S260T	26	$\pm 25\%$	100	0.05	2000
FCB3216S310T	31	$\pm 25\%$	100	0.05	2000
FCB3216S600T	60	$\pm 25\%$	100	0.10	1000
FCB3216S700T	70	$\pm 25\%$	100	0.10	1000
FCB3216S800T	80	$\pm 25\%$	100	0.10	1000
FCB3216S101T	100	$\pm 25\%$	100	0.10	1000
FCB3216S121T	120	$\pm 25\%$	100	0.10	1000
FCB3216S151T	150	$\pm 25\%$	100	0.15	1000
FCB3216S181T	180	$\pm 25\%$	100	0.15	1000
FCB3216S221T	220	$\pm 25\%$	100	0.20	800
FCB3216S301T	300	$\pm 25\%$	100	0.20	800
FCB3216S501T	500	$\pm 25\%$	100	0.30	600
FCB3216S601T	600	$\pm 25\%$	100	0.30	600
FCB3216S801T	800	$\pm 25\%$	100	0.35	600
FCB3216S102T	1000	$\pm 25\%$	100	0.35	600
FCB3216S122T	1200	$\pm 25\%$	100	0.60	300
FCB3216S152T	1500	$\pm 25\%$	100	0.60	300
FCB3216S182T	1800	$\pm 25\%$	100	0.80	100
FCB3216S202T	2000	$\pm 25\%$	100	1.00	100
FCB3216S252T	2500	$\pm 25\%$	100	1.20	50
FCB3216S302T	3000	$\pm 25\%$	100	1.50	50

FCB3225 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB3225S190T	19	12~25 Ω	100	0.1	1000
FCB3225S260T	26	$\pm 25\%$	100	0.1	1000
FCB3225S310T	31	$\pm 25\%$	100	0.1	1000
FCB3225S600T	60	$\pm 25\%$	100	0.15	1000
FCB3225S800T	80	$\pm 25\%$	100	0.2	400
FCB3225S101T	100	$\pm 25\%$	100	0.2	400
FCB3225S121T	120	$\pm 25\%$	100	0.2	400
FCB3225S151T	150	$\pm 25\%$	100	0.3	400
FCB3225S181T	180	$\pm 25\%$	100	0.4	400
FCB3225S221T	220	$\pm 25\%$	100	0.4	400
FCB3225S301T	300	$\pm 25\%$	100	0.4	400
FCB3225S501T	500	$\pm 25\%$	100	0.4	300
FCB3225S601T	600	$\pm 25\%$	100	0.4	300
FCB3225S801T	800	$\pm 25\%$	100	0.4	300
FCB3225S102T	1000	$\pm 25\%$	100	0.4	300

FCB4516 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB4516S190T	19	12~25 Ω	100	0.1	1000
FCB4516S260T	26	$\pm 25\%$	100	0.1	1000
FCB4516S310T	31	$\pm 25\%$	100	0.15	1000
FCB4516S600T	60	$\pm 25\%$	100	0.2	1000
FCB4516S700T	70	$\pm 25\%$	100	0.25	1000
FCB4516S800T	80	$\pm 25\%$	100	0.3	1000
FCB4516S900T	90	$\pm 25\%$	100	0.35	1000
FCB4516S121T	120	$\pm 25\%$	100	0.4	500
FCB4516S151T	150	$\pm 25\%$	100	0.4	500
FCB4516S221T	220	$\pm 25\%$	100	0.45	500
FCB4516S301T	300	$\pm 25\%$	100	0.45	500
FCB4516S501T	500	$\pm 25\%$	100	0.5	200
FCB4516S601T	600	$\pm 25\%$	100	0.5	200
FCB4516S801T	800	$\pm 25\%$	100	0.55	200

FCB4532 Series

Part Number	Impedance(Ω)	Tolerance(%)	Test Frequency (MHz)	DCR Max.(Ω)	Irms Max. (mA)
FCB4532S380T	38	$\pm 25\%$	100	0.15	1000
FCB4532S700T	70	$\pm 25\%$	100	0.2	1000
FCB4532S800T	80	$\pm 25\%$	100	0.2	1000
FCB4532S101T	100	$\pm 25\%$	100	0.2	500
FCB4532S121T	120	$\pm 25\%$	100	0.25	500
FCB4532S151T	150	$\pm 25\%$	100	0.25	500
FCB4532S221T	220	$\pm 25\%$	100	0.3	300
FCB4532S301T	300	$\pm 25\%$	100	0.3	300
FCB4532S601T	600	$\pm 25\%$	100	0.4	200

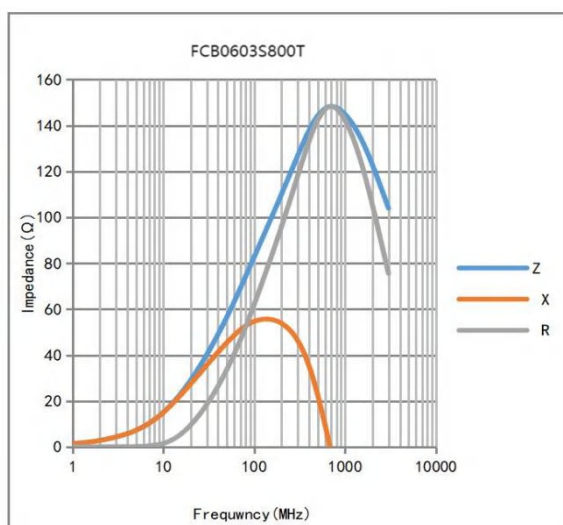
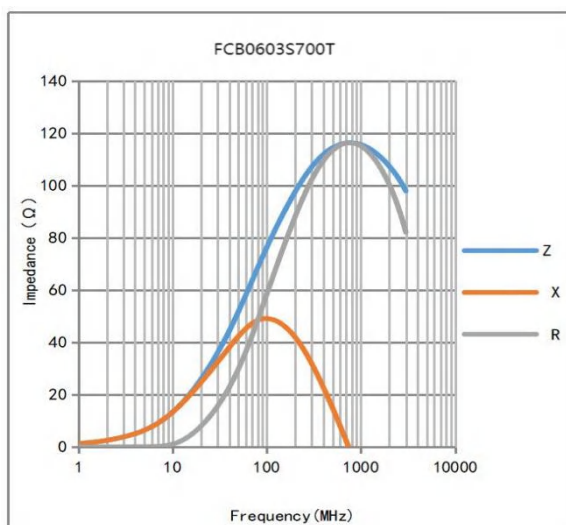
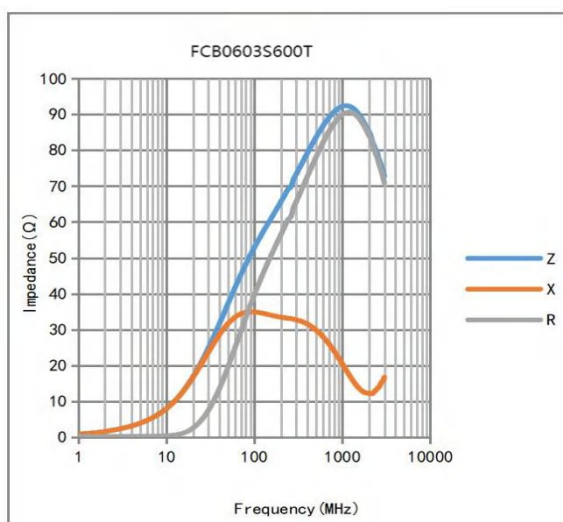
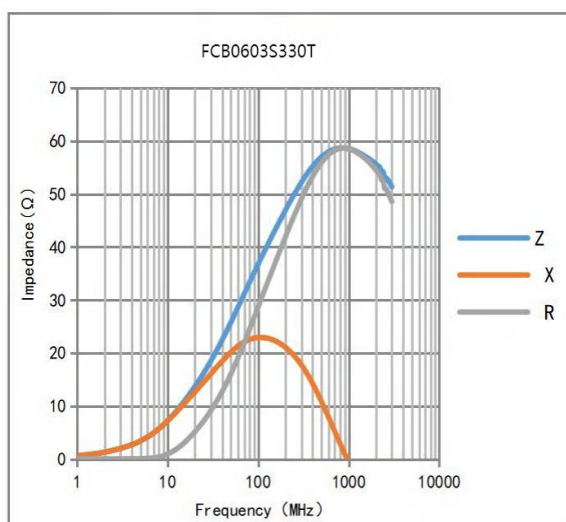
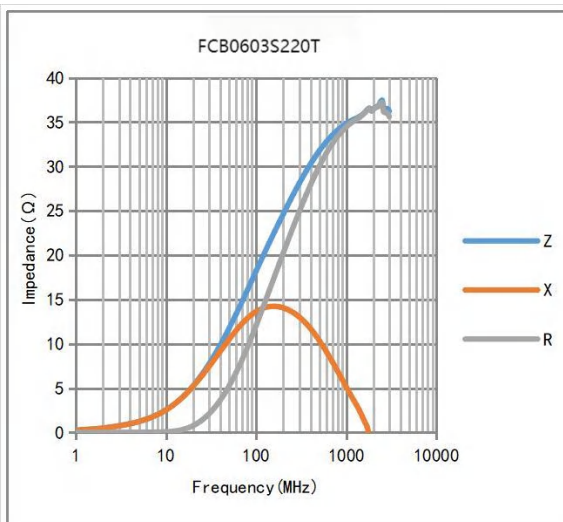
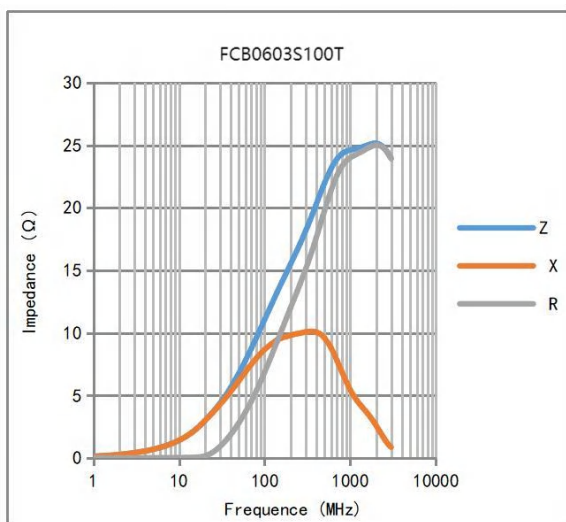
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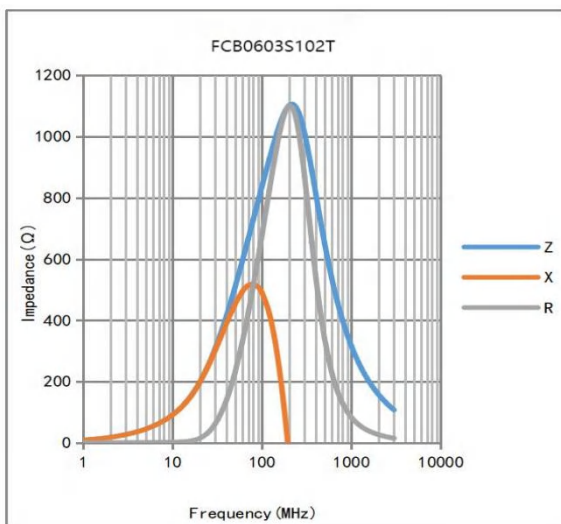
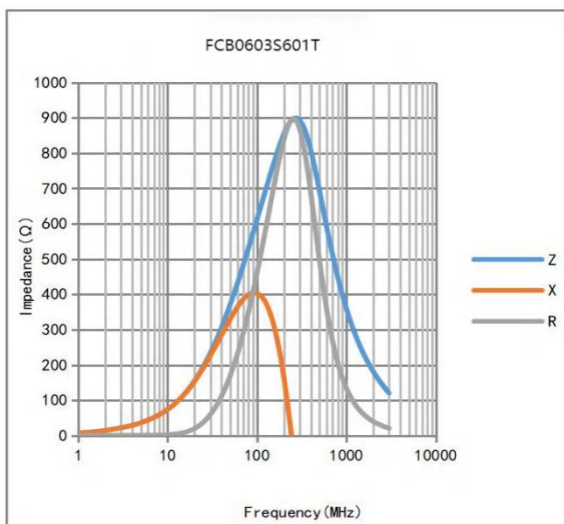
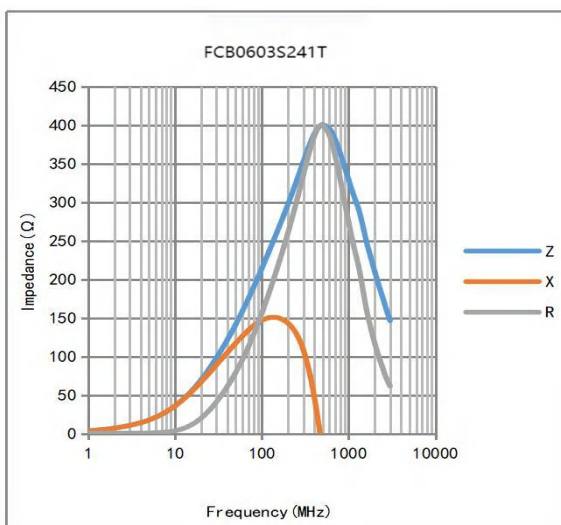
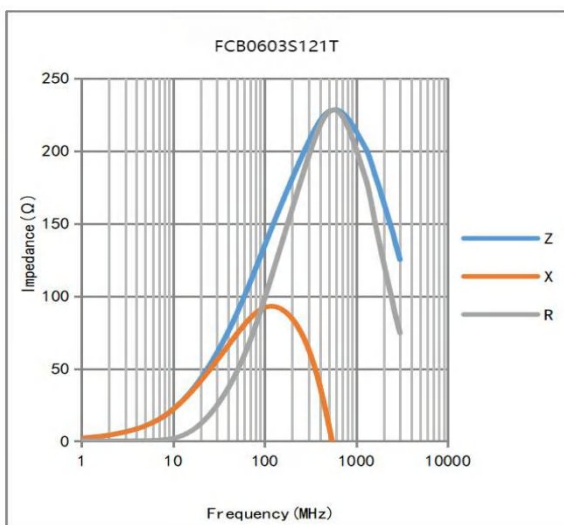
Irms: DC current that causes the temperature rise($\Delta T=40^{\circ}\text{C}$) from 25°C ambient.

CHARACTERISTICS CURVES

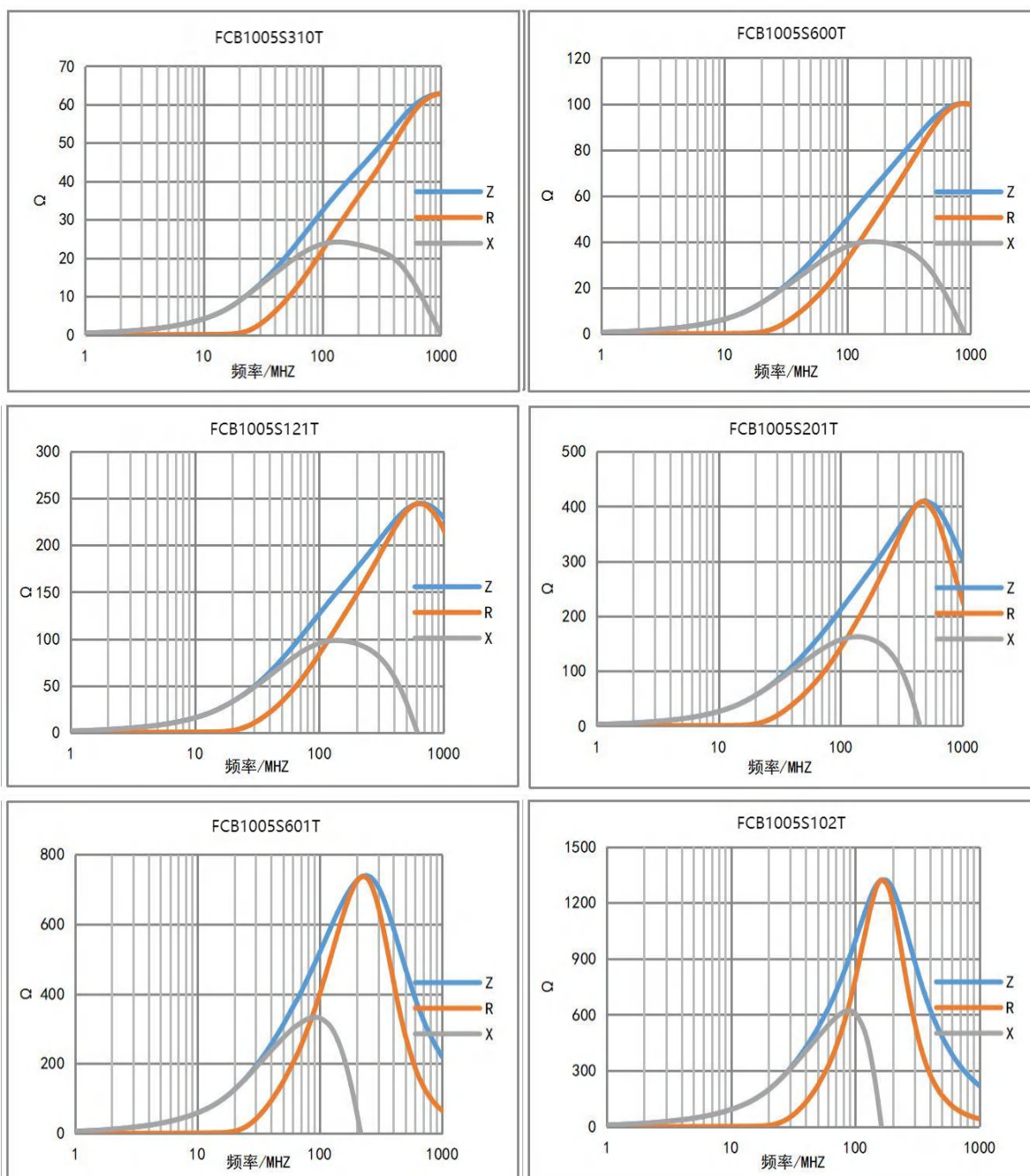
Impedance VS. Frequency

FCB0603 Series

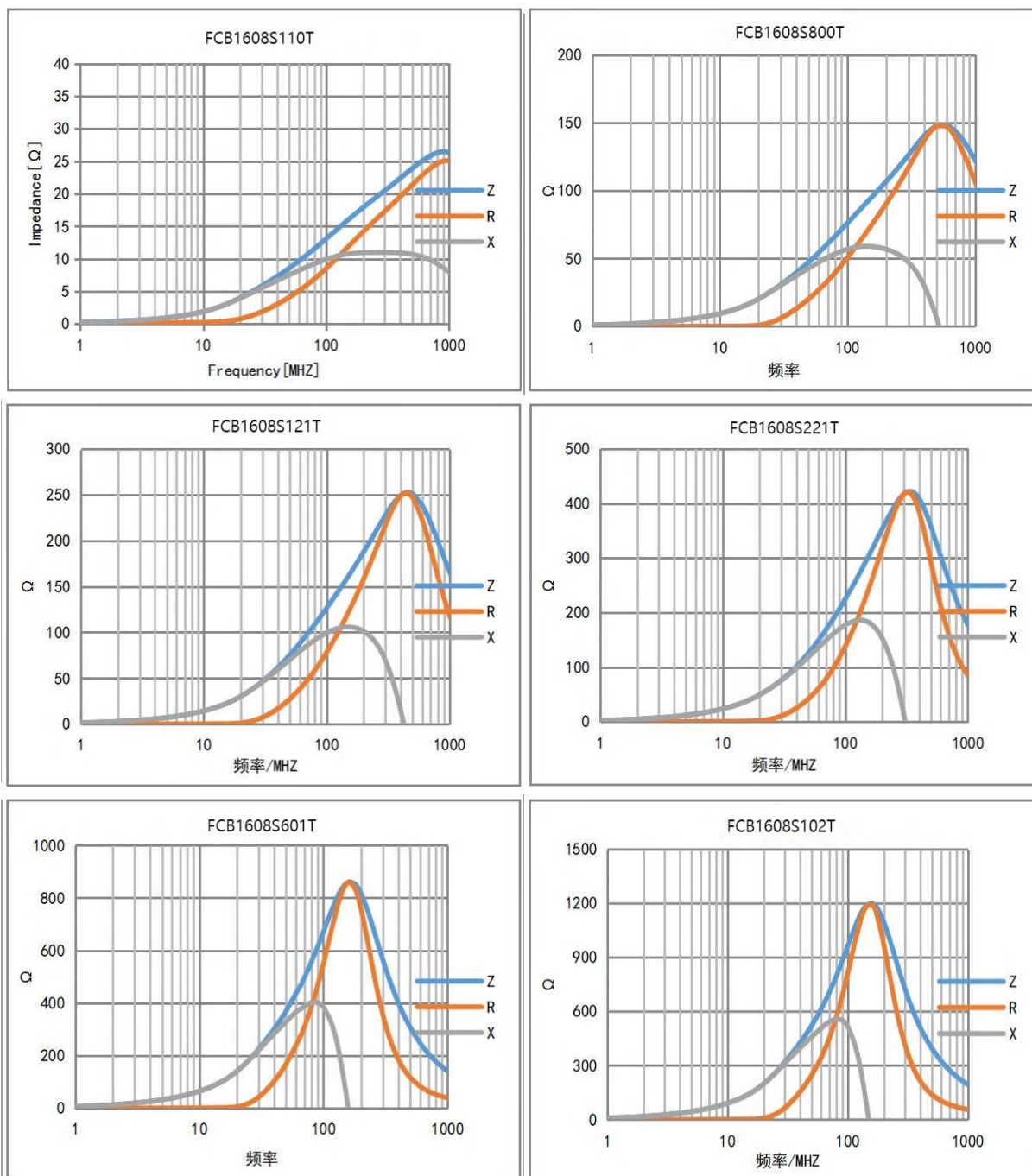




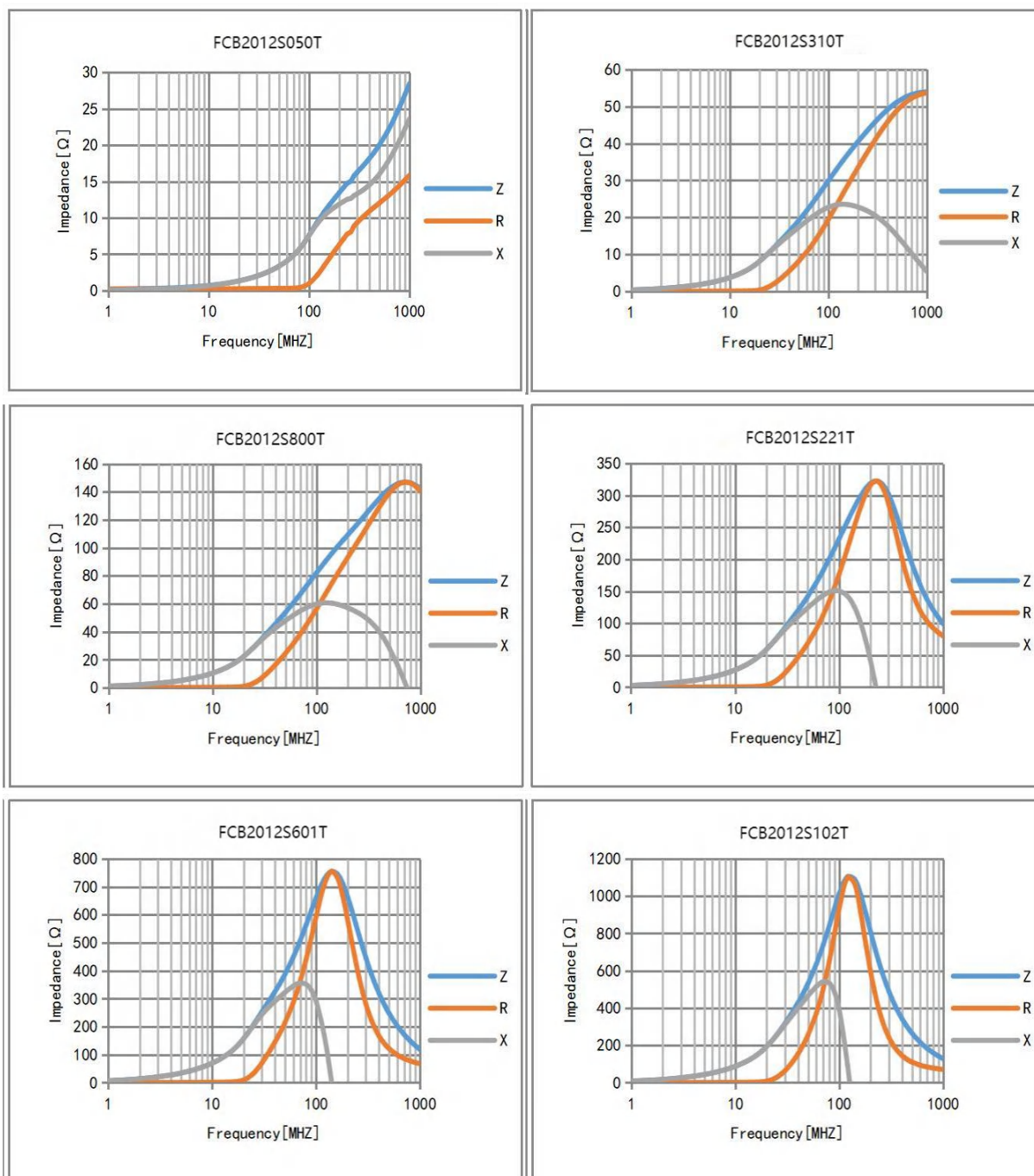
FCB1005 Series



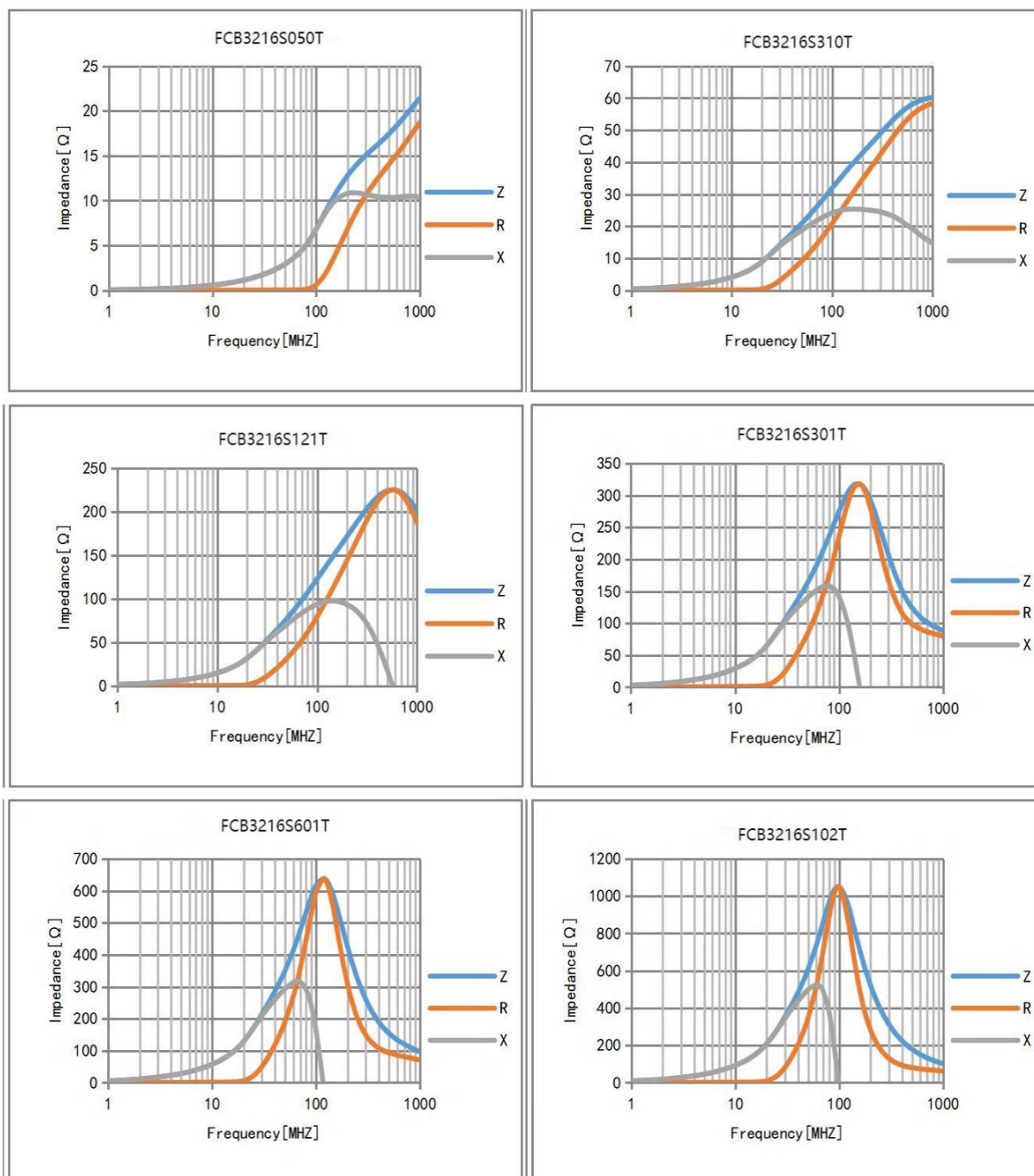
FCB1608 Series



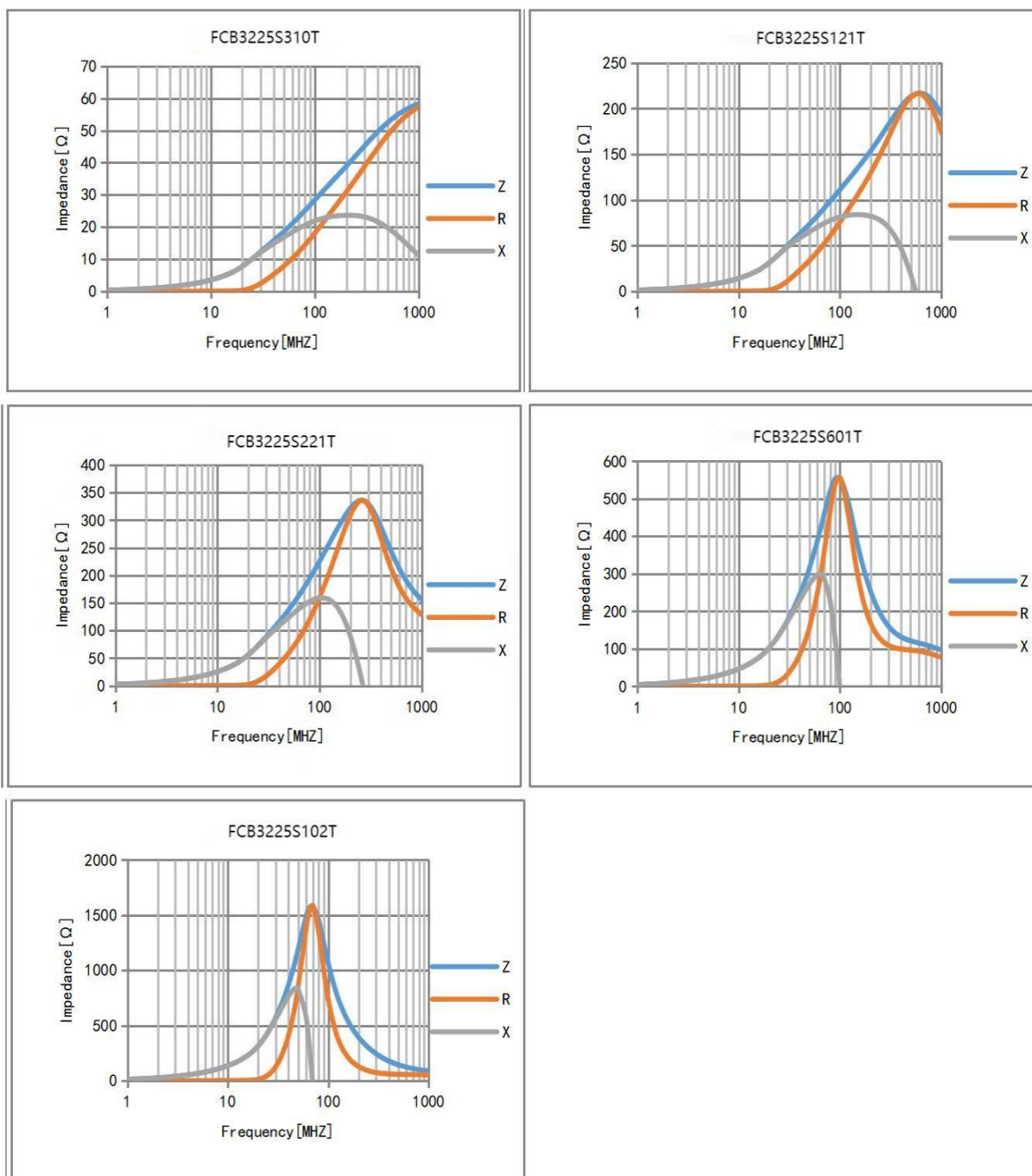
FCB2012 Series



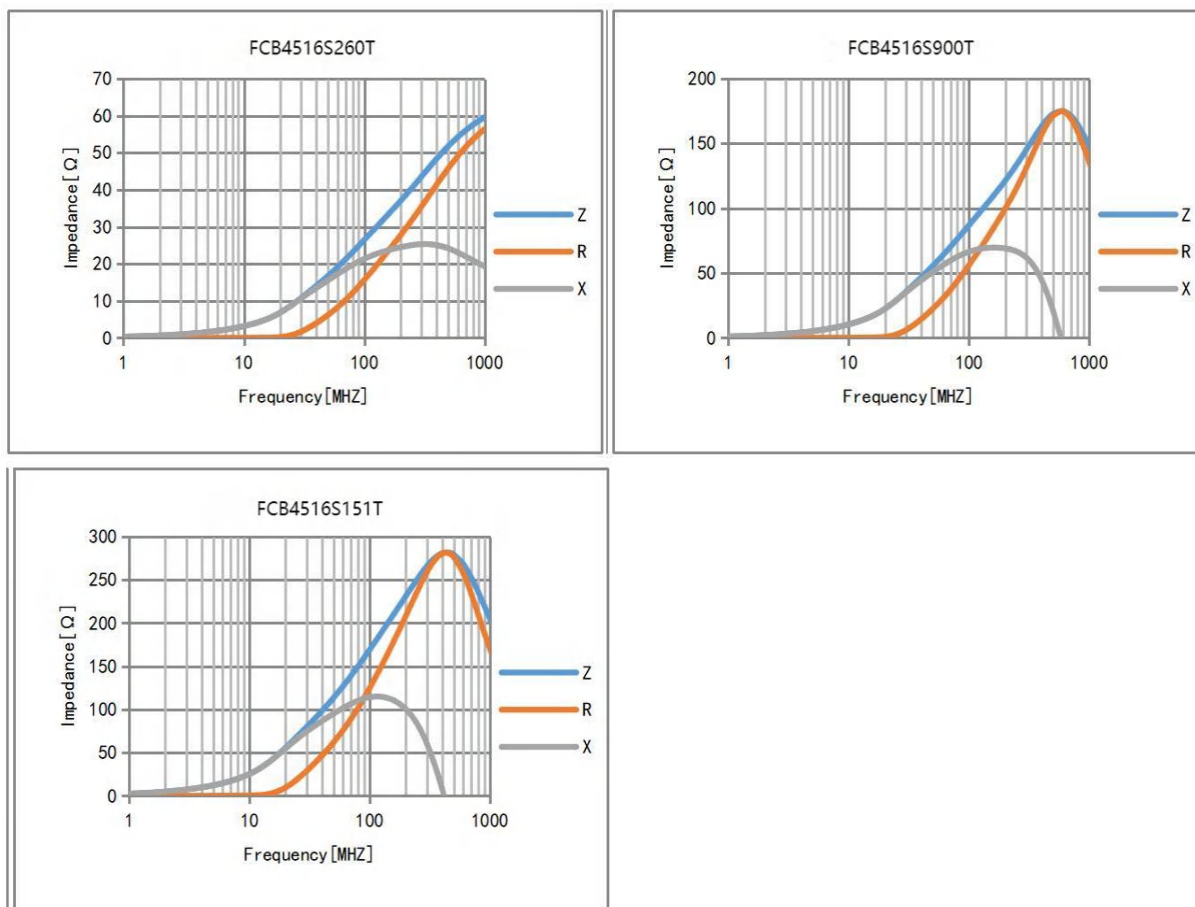
FCB3216 Series



FCB3225 Series



FCB4516 Series



FCB4532 Series

