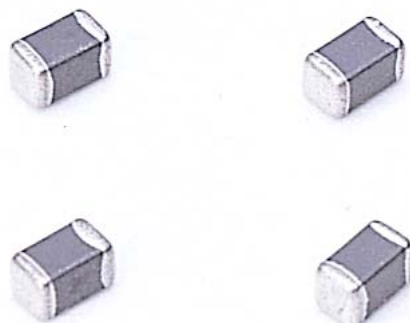


Feature

1. Monolithic inorganic material construction
2. Closed magnetic circuit avoids crosstalk
3. S.M.T. type
4. Suitable for flow and reflow soldering
5. Shapes and dimensions follow E.I.A. SPEC
6. Available in various sizes & 6 materials
7. Excellent soldering ability and heat resistance
8. High reliability



Application

Personal computers, communication equipment, digital telephone, electronic games machines, CRTs, hard disk drives, cellular phones, PDAs, printers and other computer peripheral products.

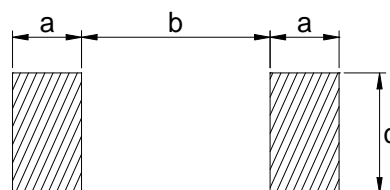
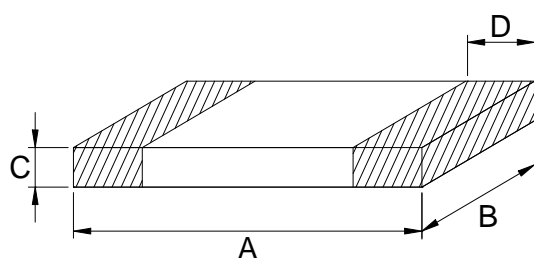
Suitable for I/O ports, DC power lines and signal lines, and general circuits with unstable ground.

Product Identification

QT 1608 RL 120 - LF
1 2 3 4 5

1. Series name
2. Dimension. (See Details)
3. Material.
4. Impedance. (See Details)
5. Lead-Free part number.

Configurations & Dimensions



PCB Pattern

Series Name	A	B	C	D	a	b	c
QT1005	1.0 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.25 ± 0.1	0.80	0.50	0.55
QT1608	1.6 ± 0.15	0.8 ± 0.15	0.8 ± 0.15	0.3 ± 0.2	1.00	0.60	0.80
QT2012	2.0 ± 0.2	1.25 ± 0.2	0.85 ± 0.2	0.5 ± 0.3	1.00	1.00	1.00
QT3216	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.5 ± 0.3	1.10	2.20	1.40
QT3225	3.2 ± 0.2	2.5 ± 0.2	1.3 ± 0.2	0.5 ± 0.3	1.10	2.20	3.40
QT4516	4.5 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.5 ± 0.3	1.50	2.70	1.40
QT4532	4.5 ± 0.2	3.2 ± 0.2	1.5 ± 0.2	0.5 ± 0.3	1.67	2.57	4.22

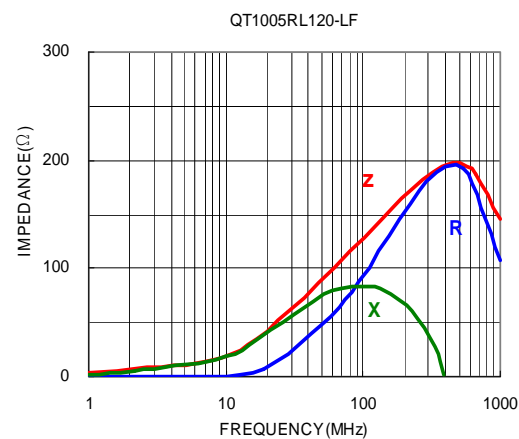
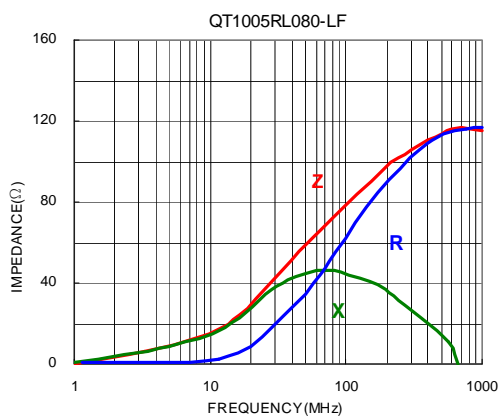
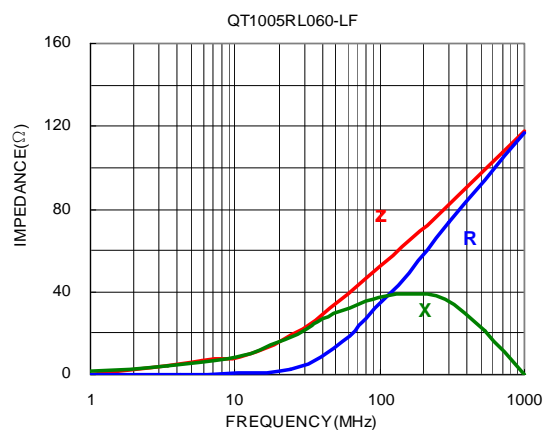
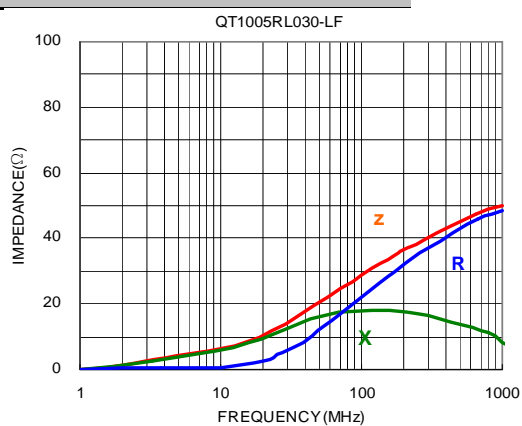
Unit: mm

Multilayer Ferrite Chip Beads / QT Series

Electrical Characteristics / QT1005

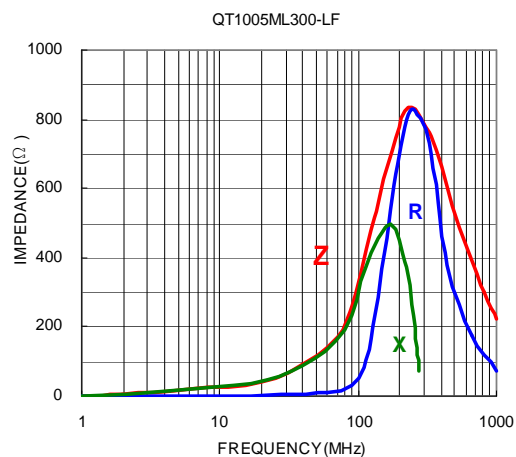
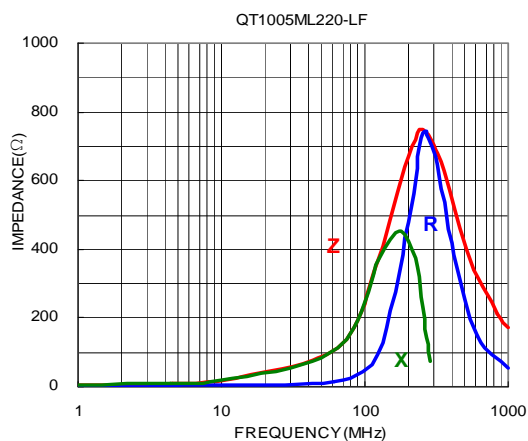
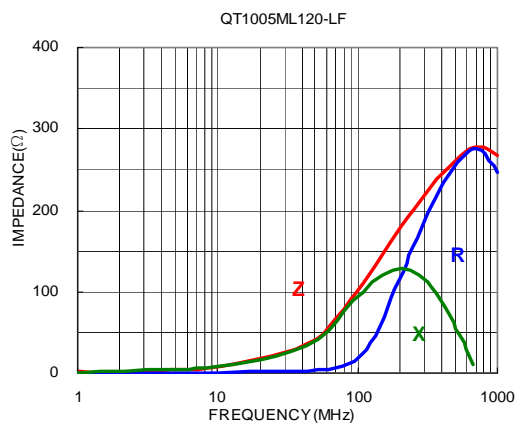
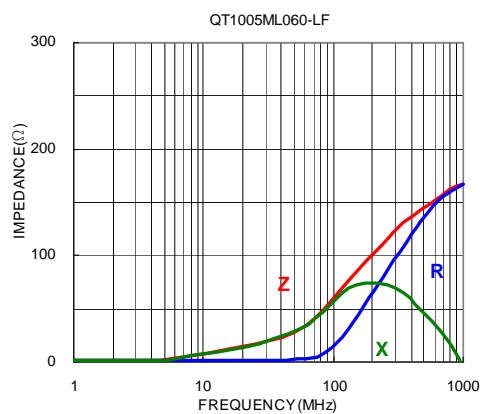
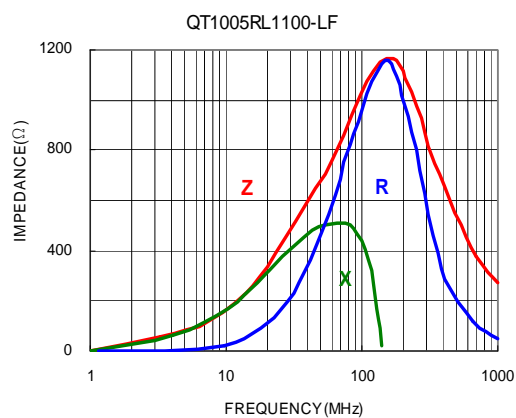
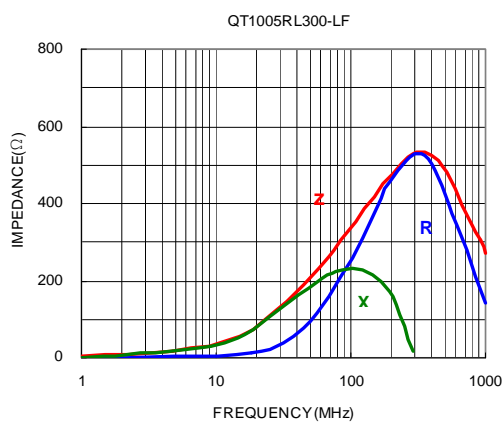
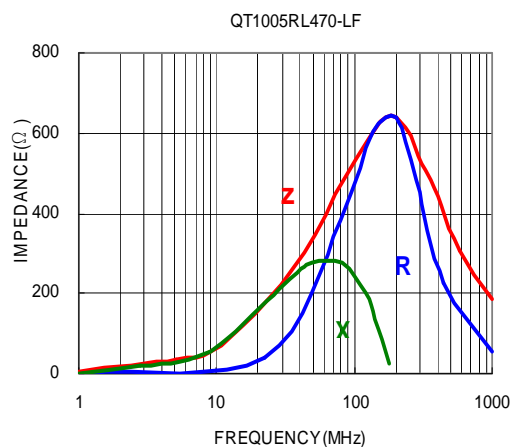
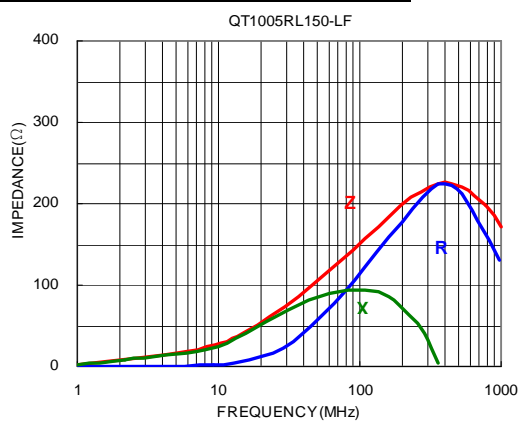
System Number	Part Number	Impedance (Ω) $\pm 25\%$	Test Frequency (MHz)	DC Resistance Max. ($m\Omega$)	Rated Current Max. (mA)
WP35O0001-00	QT1005RL030 __	30	100	200	300
WP35O0002-00	QT1005RL060 __	60	100	250	300
WP35O0003-00	QT1005RL120 __	120	100	300	100
WP35O0004-00	QT1005RL150 __	150	100	300	100
WP35O0005-00	QT1005RL220 __	220	100	400	100
WP35O0006-00	QT1005RL300 __	300	100	500	100
WP35O0007-00	QT1005RL470 __	470	100	650	100
WP35O0008-00	QT1005RL600 __	600	100	800	80
WP35O0002-01	QT1005ML060 __	60	100	300	100
WP35O0003-01	QT1005ML120 __	120	100	450	80
WP35O0005-01	QT1005ML220 __	220	100	600	50
WP35O0006-01	QT1005ML300 __	300	100	750	50

Electrical Curve / QT1005



Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT1005



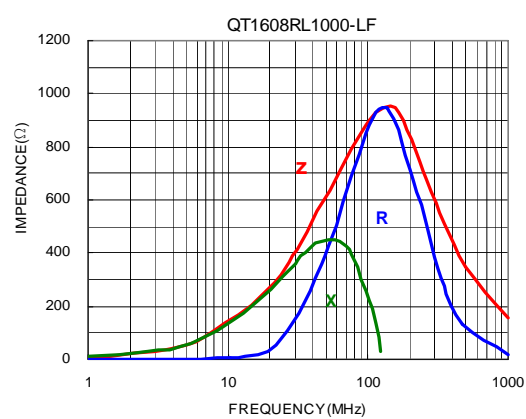
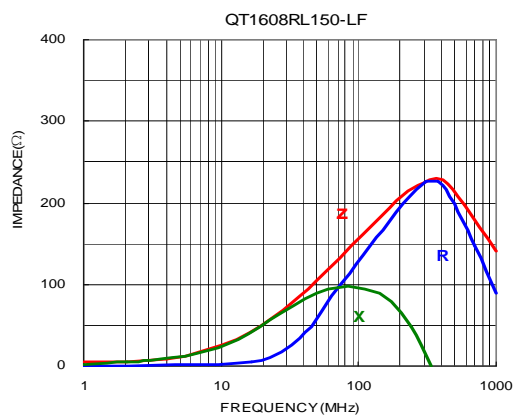
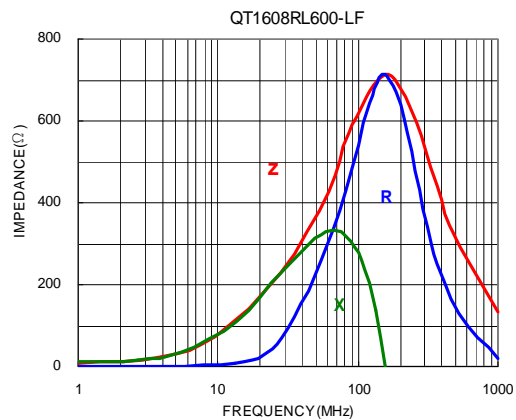
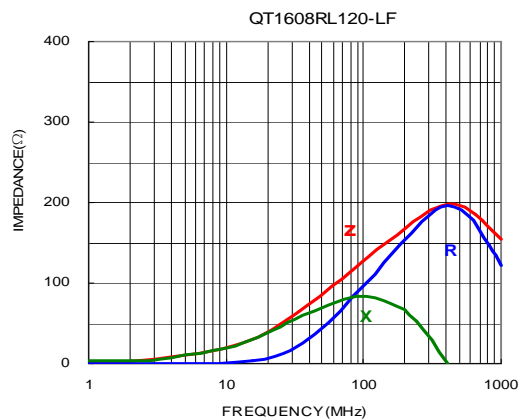
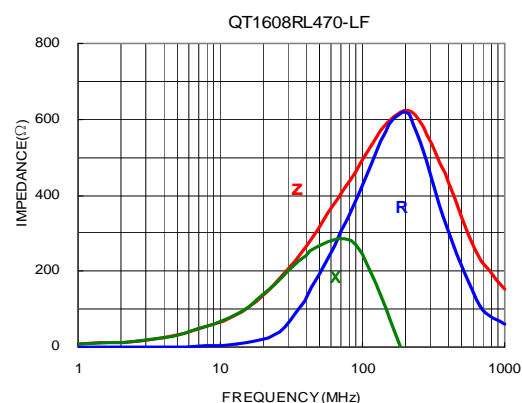
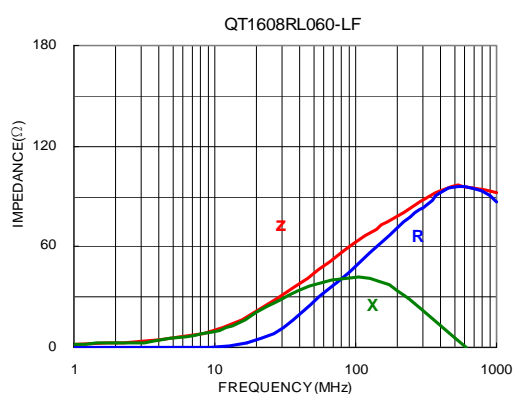
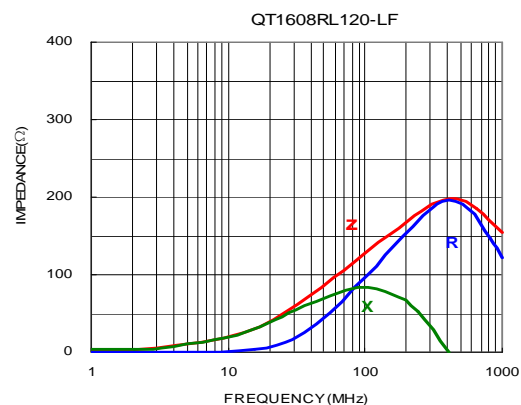
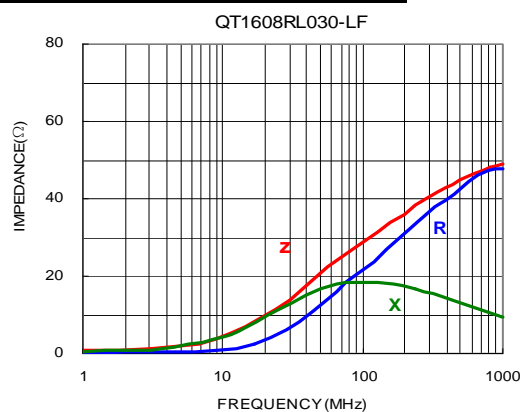
Multilayer Ferrite Chip Beads / QT Series

Electrical Characteristics / QT1608

System Number	Part Number	Impedance (Ω) $\pm 25\%$	Test Frequency (MHz)	DC Resistance Max. (m Ω)	Rated Current Max. (mA)
WP35O0101-00	QT1608RL030 __	30	100	200	700
WP35O0102-00	QT1608RL060 __	60	100	200	700
WP35O0103-00	QT1608RL120 __	120	100	250	600
WP35O0104-00	QT1608RL150 __	150	100	250	600
WP35O0105-00	QT1608RL220 __	220	100	300	550
WP35O0106-00	QT1608RL300 __	300	100	350	500
WP35O0107-00	QT1608RL470 __	470	100	450	350
WP35O0108-00	QT1608RL600 __	600	100	500	350
WP35O0109-00	QT1608RL1000 __	1000	100	700	200
WP35O0110-02	QT1608HL1500 __	1500	100	1,000	200
WP35O0111-02	QT1608HL2000 __	2000	100	1,200	150
WP35O0100-03	QT1608BL010 __	10	100	200	700
WP35O0101-03	QT1608BL030 __	30	100	250	600
WP35O0102-03	QT1608BL060 __	60	100	300	600
WP35O0103-03	QT1608BL120 __	120	100	400	300
WP35O0104-03	QT1608BL150 __	150	100	400	300
WP35O0105-03	QT1608BL220 __	220	100	600	250
WP35O0106-03	QT1608BL300 __	300	100	800	200
WP35O0107-03	QT1608BL470 __	470	100	850	200
WP35O0108-03	QT1608BL600 __	60	100	1,200	150
WP35O0109-03	QT1608BL1000 __	1000	100	1,500	80
WP35O0103-04	QT1608WL120 __	120	100	2,500	300
WP35O0104-04	QT1608WL150 __	150	100	300	250
WP35O0105-04	QT1608WL220 __	220	100	350	200
WP35O0106-04	QT1608WL300 __	300	100	450	250
WP35O0107-04	QT1608WL470 __	470	100	550	200
WP35O0108-04	QT1608WL600 __	600	100	700	200
WP35O0112-04	QT1608WL800 __	800	100	800	100
WP35O0109-04	QT1608WL1000 __	1000	100	900	100

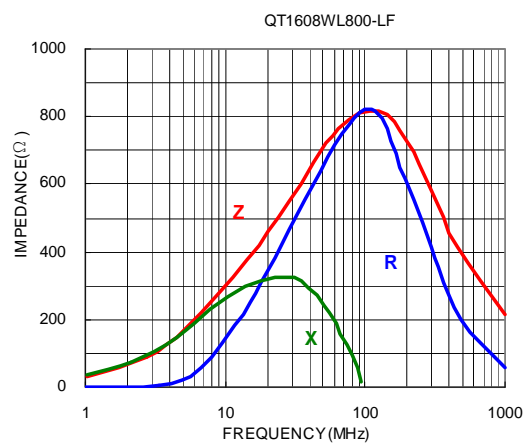
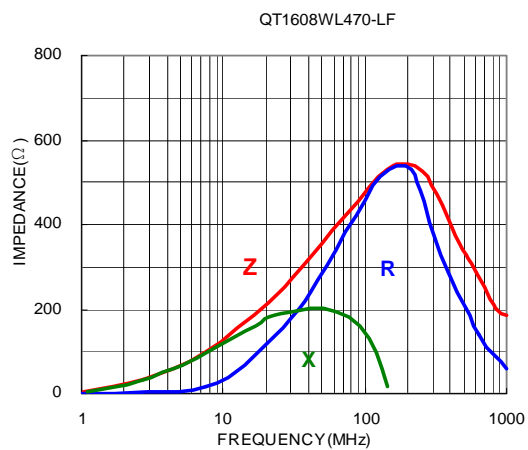
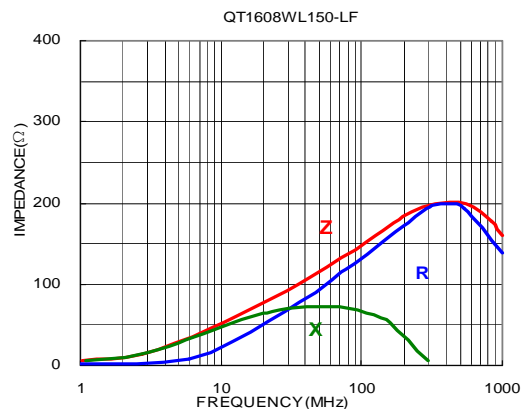
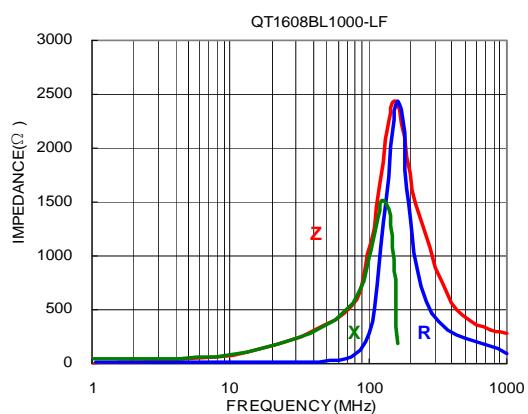
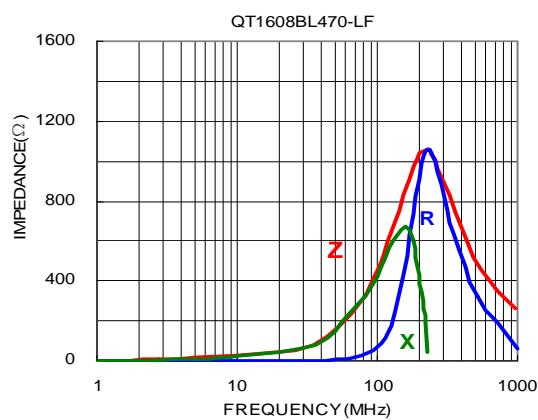
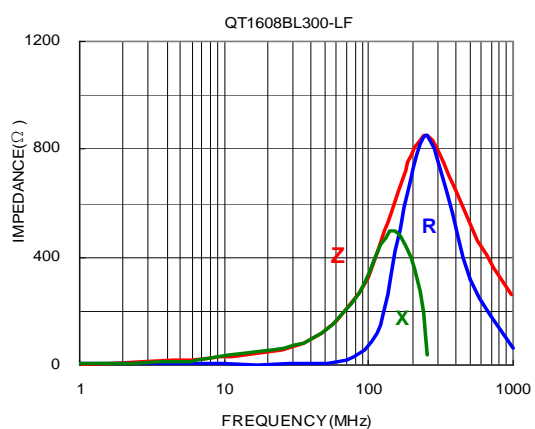
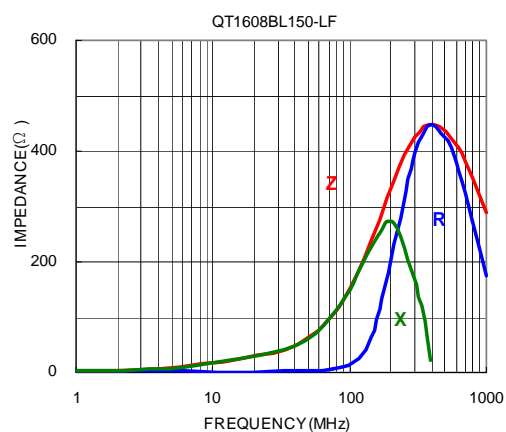
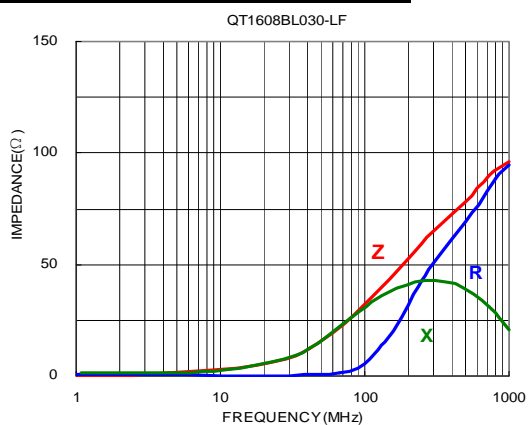
Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT1608



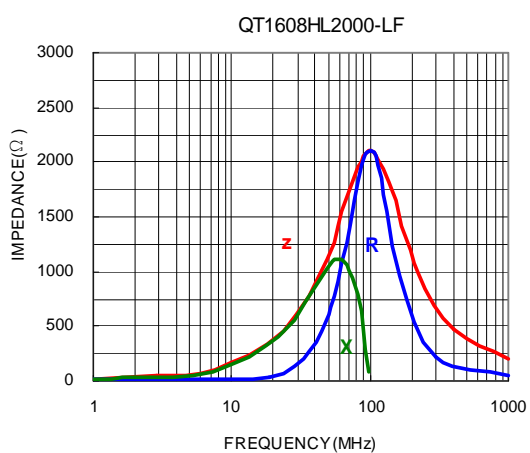
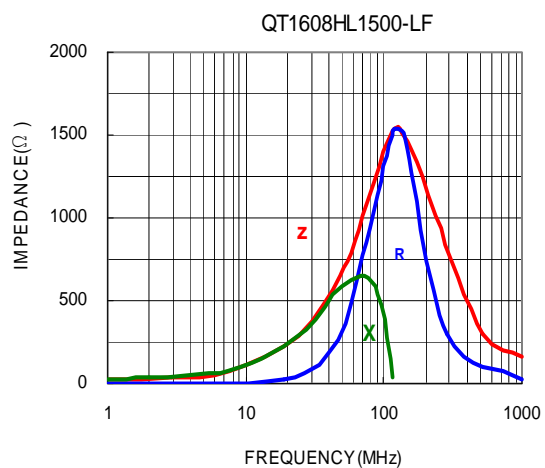
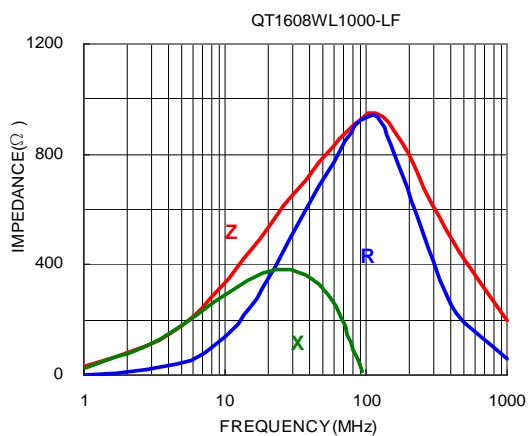
Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT1608



Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT1608



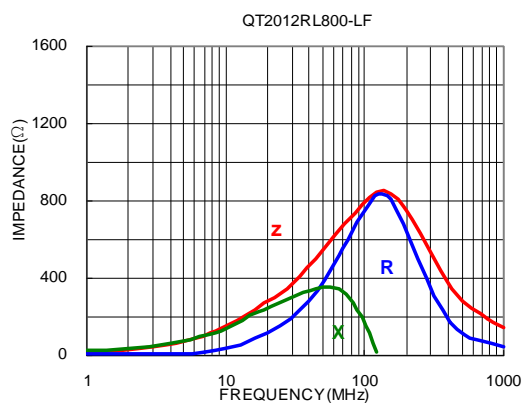
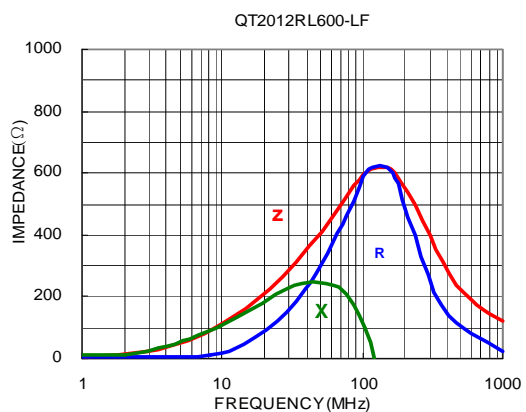
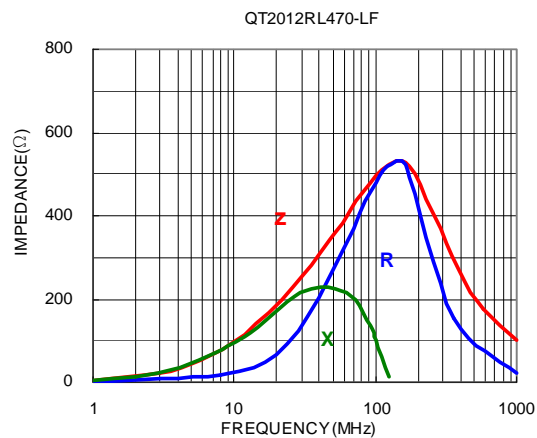
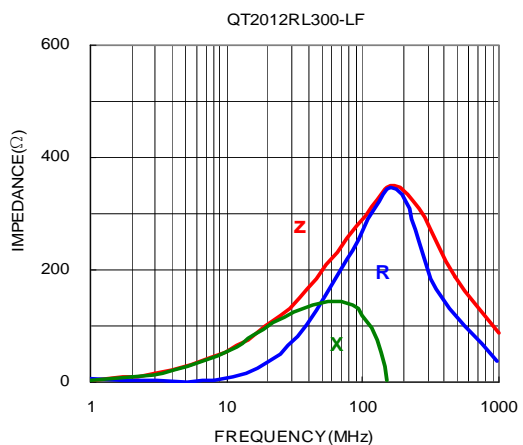
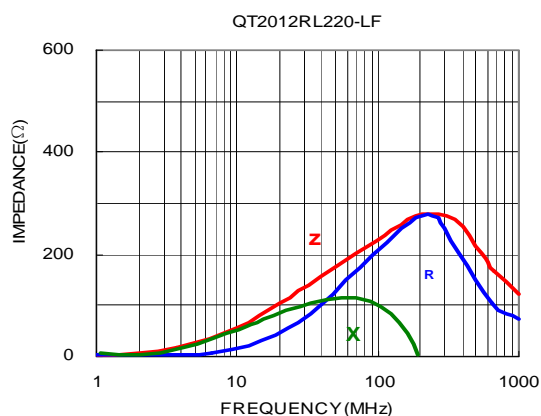
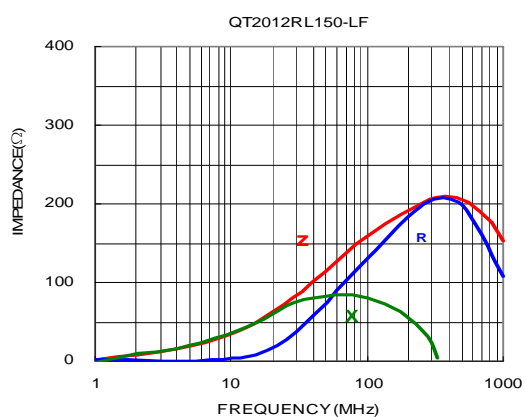
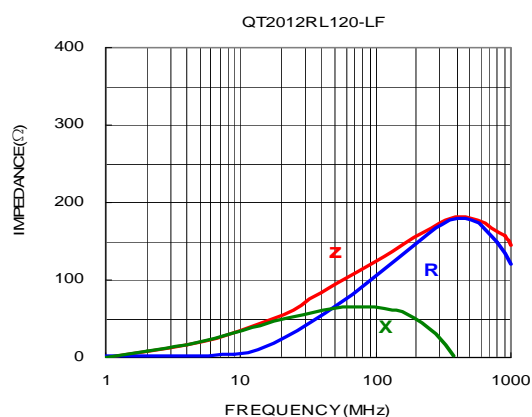
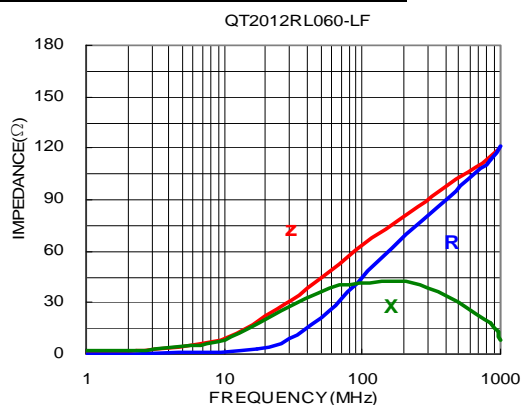
Multilayer Ferrite Chip Beads / QT Series

■ Electrical Characteristics / QT2012

System Number	Part Number	Impedance (Ω) \pm 25%	Test Frequency (MHz)	DC Resistance Max. (m Ω)	Rated Current Max. (mA)
WP35O0213-00	QT2012RL011 __	11	100	100	900
WP35O0214-00	QT2012RL017 __	17	100	100	600
WP35O0215-00	QT2012RL026 __	26	100	100	600
WP35O0201-00	QT2012RL030 __	30	100	100	600
WP35O0216-00	QT2012RL040 __	40	100	100	600
WP35O0202-00	QT2012RL060 __	60	100	100	900
WP35O0203-00	QT2012RL120 __	120	100	200	800
WP35O0204-00	QT2012RL150 __	150	100	200	800
WP35O0205-00	QT2012RL220 __	220	100	300	750
WP35O0206-00	QT2012RL300 __	300	100	300	700
WP35O0207-00	QT2012RL470 __	470	100	350	700
WP35O0208-00	QT2012RL600 __	600	100	400	500
WP35O0212-00	QT2012RL800 __	800	100	400	450
WP35O0209-00	QT2012RL1000 __	1000	100	450	400
WP35O0209-02	QT2012HL1000 __	1000	100	450	400
WP35O0210-02	QT2012HL1500 __	1500	100	500	350
WP35O0211-02	QT2012HL2000 __	2000	100	600	250
WP35O0201-03	QT2012BL030 __	30	100	200	700
WP35O0202-03	QT2012BL060 __	60	100	200	700
WP35O0203-03	QT2012BL120 __	120	100	250	600
WP35O0204-03	QT2012BL150 __	150	100	250	600
WP35O0205-03	QT2012BL220 __	220	100	300	400
WP35O0206-03	QT2012BL300 __	300	100	350	400
WP35O0203-04	QT2012WL120 __	10	100	150	300
WP35O0204-04	QT2012WL150 __	150	100	200	300
WP35O0205-04	QT2012WL220 __	220	100	300	250
WP35O0206-04	QT2012WL300 __	300	100	350	200
WP35O0207-04	QT2012WL470 __	470	100	400	200
WP35O0208-04	QT2012WL600 __	600	100	450	200
WP35O0212-04	QT2012WL800 __	800	100	550	150
WP35O0209-04	QT2012WL1000 __	1000	100	650	100

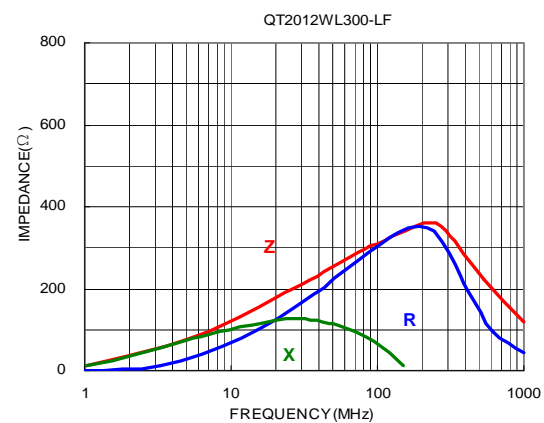
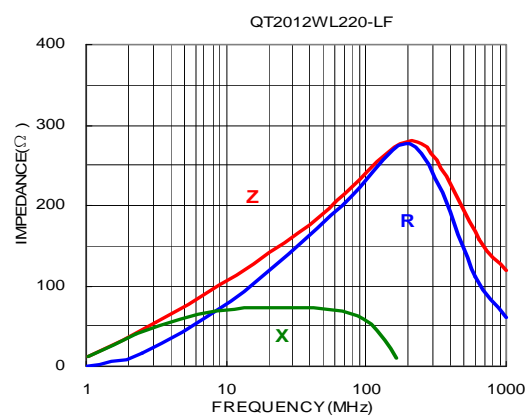
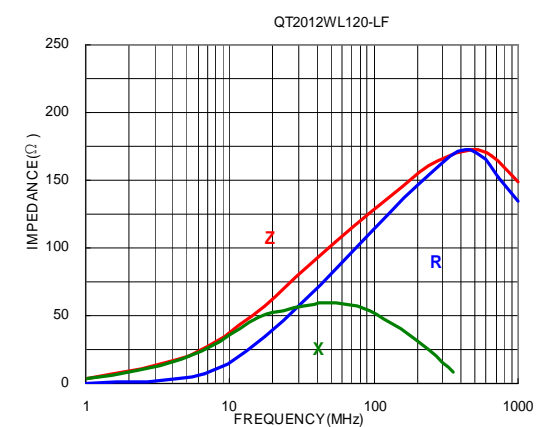
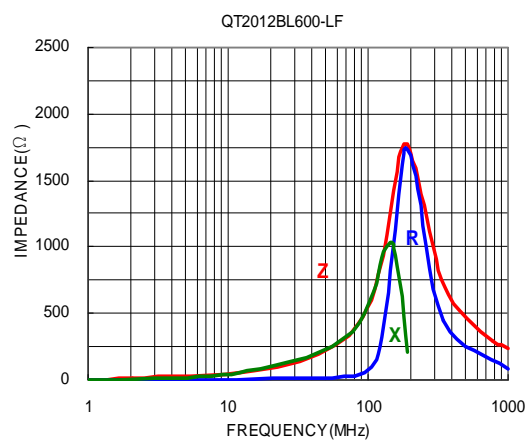
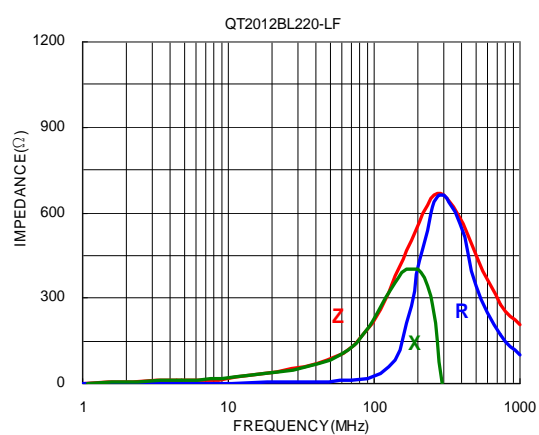
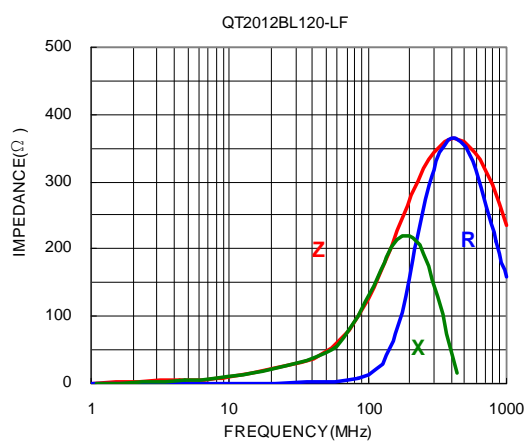
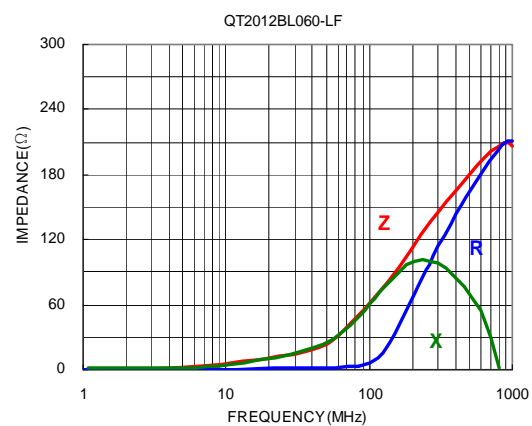
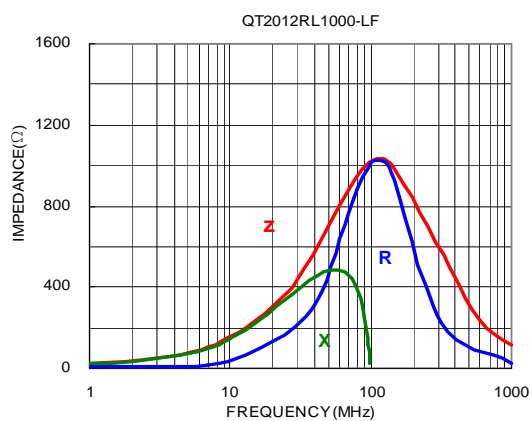
Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT2012



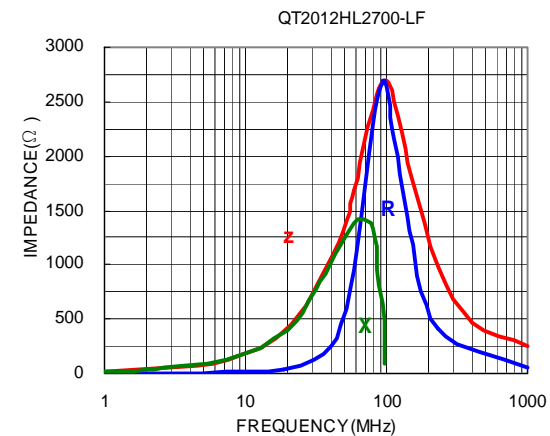
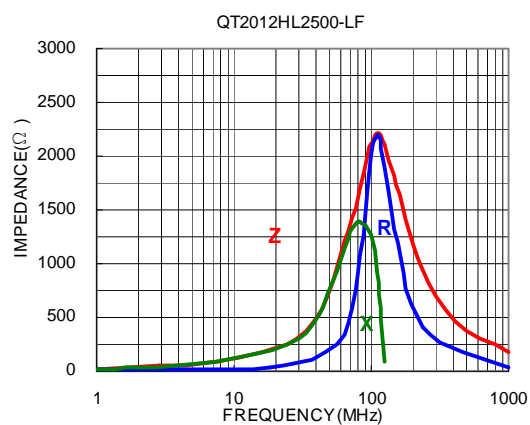
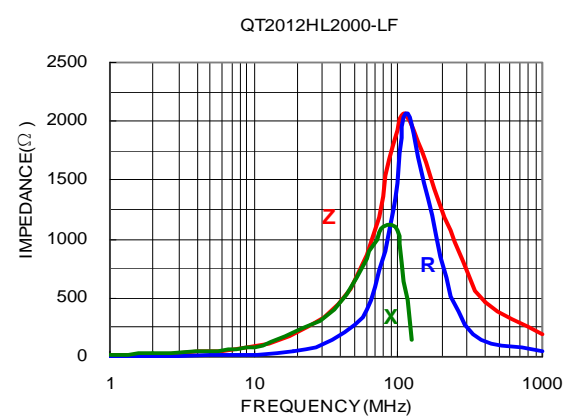
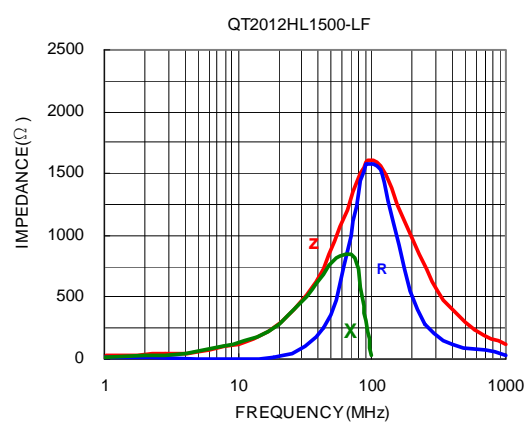
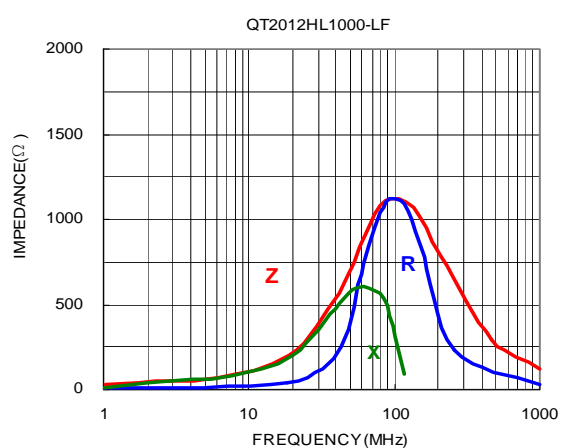
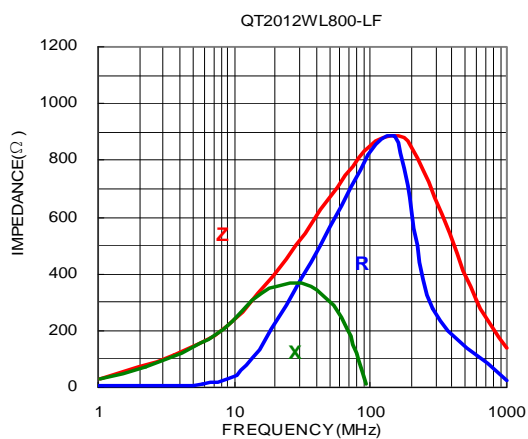
Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT2012



Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT2012



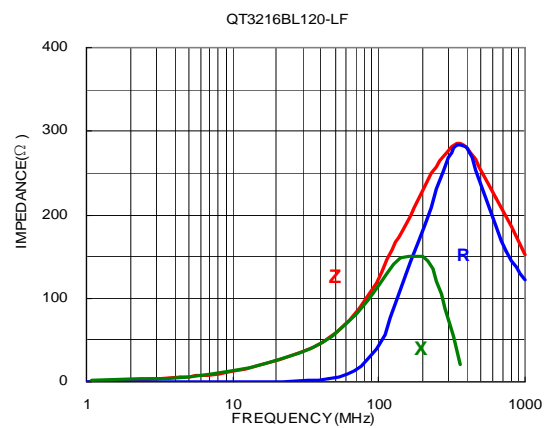
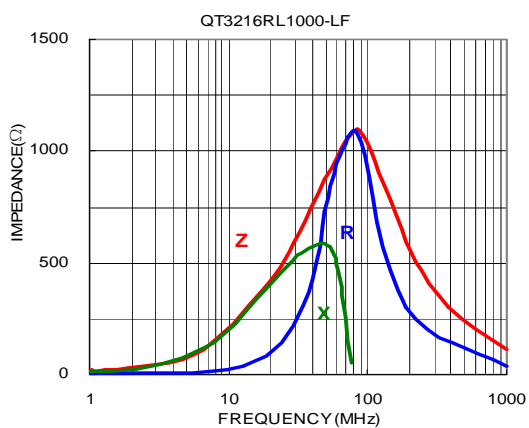
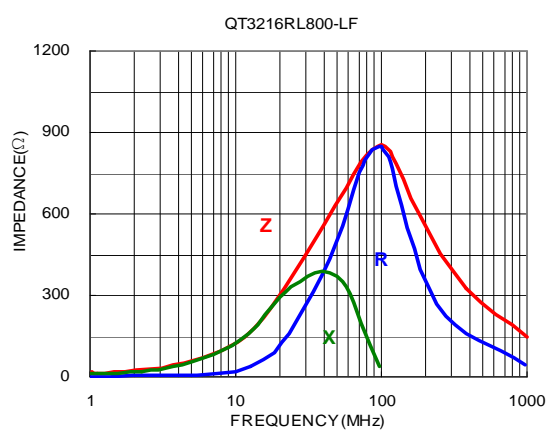
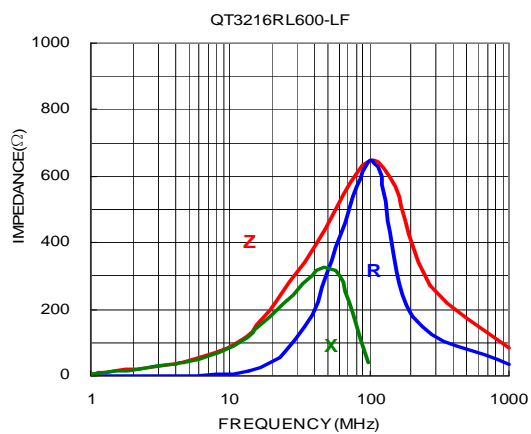
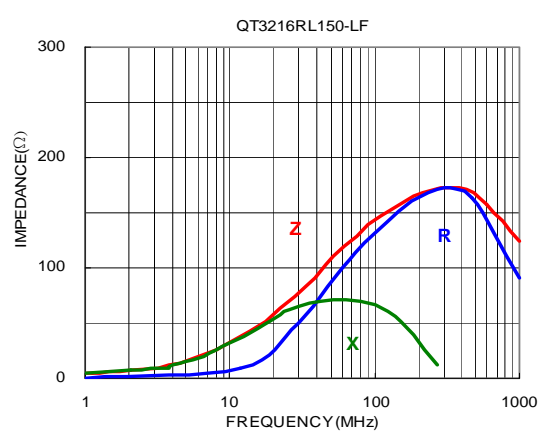
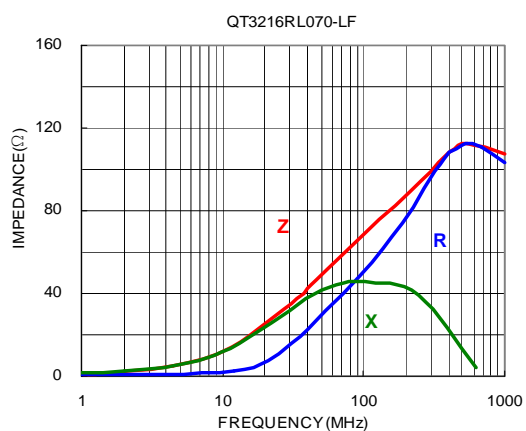
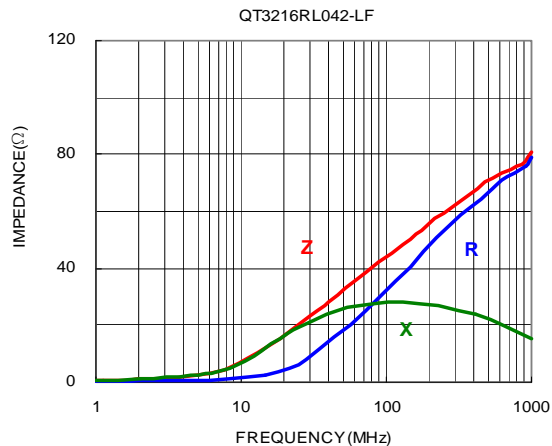
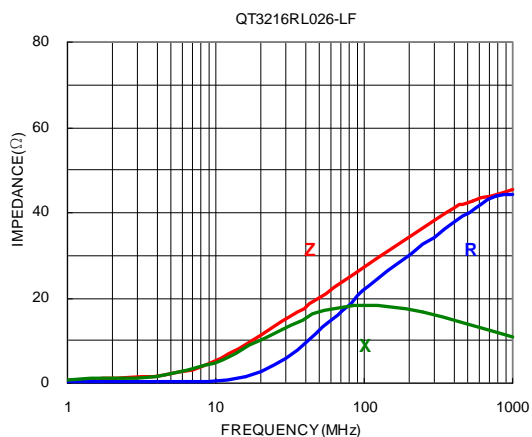
Multilayer Ferrite Chip Beads / QT Series

■ Electrical Characteristics / QT3216

System Number	Part Number	Impedance (Ω) $\pm 25\%$	Test Frequency (MHz)	DC Resistance Max. ($m\Omega$)	Rated Current Max. (mA)
WP35O0515-00	QT3216RL026 __	26	100	200	500
WP35O0517-00	QT3216RL031 __	31	100	200	500
WP35O0518-00	QT3216RL042 __	42	100	200	500
WP35O0519-00	QT3216RL050 __	50	100	200	500
WP35O0520-00	QT3216RL070 __	70	100	200	500
WP35O0521-00	QT3216RL090 __	90	100	200	500
WP35O0503-00	QT3216RL120 __	120	100	150	900
WP35O0504-00	QT3216RL150 __	150	100	150	900
WP35O0505-00	QT3216RL220 __	220	100	350	700
WP35O0506-00	QT3216RL300 __	300	100	350	700
WP35O0507-00	QT3216RL470 __	470	100	350	400
WP35O0508-00	QT3216RL600 __	600	100	400	400
WP35O0512-00	QT3216RL800 __	800	100	600	300
WP35O0509-00	QT3216BL1000 __	1000	100	600	300
WP35O0503-03	QT3216BL120 __	120	100	250	700
WP35O0504-03	QT3216BL150 __	150	100	250	700
WP35O0505-03	QT3216BL220 __	220	100	300	600
WP35O0506-03	QT3216BL300 __	300	100	350	600
WP35O0507-03	QT3216BL470 __	470	100	400	550
WP35O0508-03	QT3216BL600 __	600	100	500	500
WP35O0512-03	QT3216BL800 __	800	100	500	400
WP35O0509-03	QT3216BL1000 __	1000	100	550	300
WP35O0503-04	QT3216WL120 __	120	100	150	300
WP35O0504-04	QT3216WL150 __	150	100	200	300
WP35O0505-04	QT3216WL220 __	220	100	300	250
WP35O0506-04	QT3216WL300 __	300	100	350	200
WP35O0507-04	QT3216WL470 __	470	100	400	200
WP35O0508-04	QT3216WL600 __	600	100	450	200

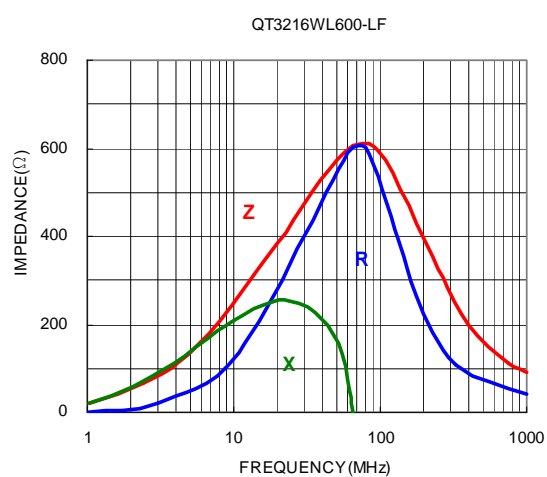
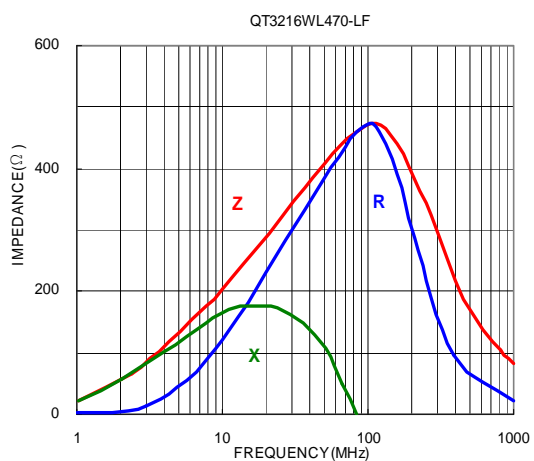
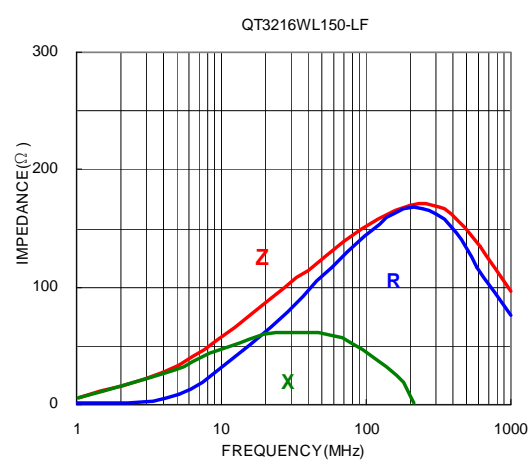
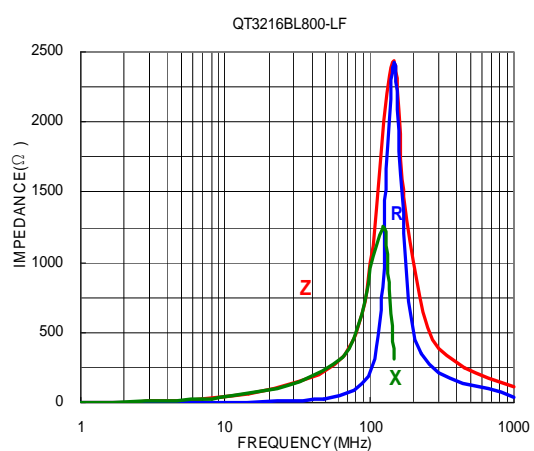
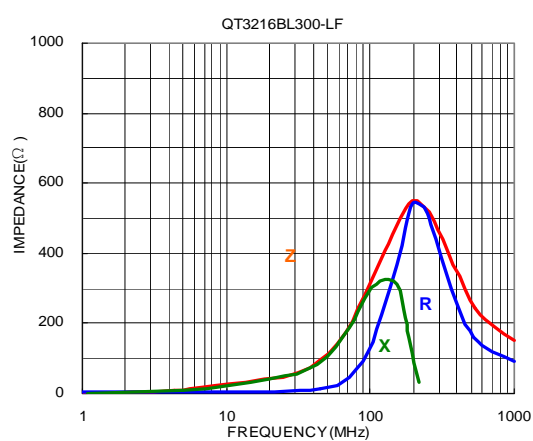
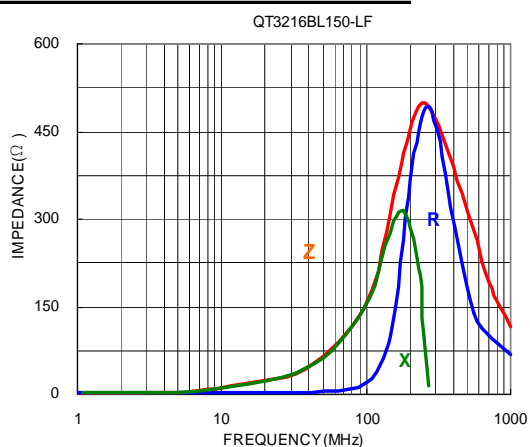
Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT3216



Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT3216



Multilayer Ferrite Chip Beads / QT Series

Electrical Characteristics / QT3225

System Number	Part Number	Impedance (Ω) $\pm 25\%$	Test Frequency (MHz)	DC Resistance Max. (m Ω)	Rated Current Max. (mA)
WP35O0602-00	QT3225RL060 __	60	100	300	400
WP35O0617-05	QT3225NL031 __	31	100	300	400

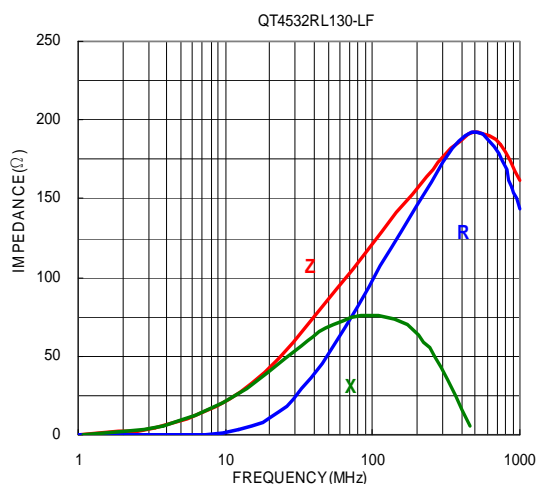
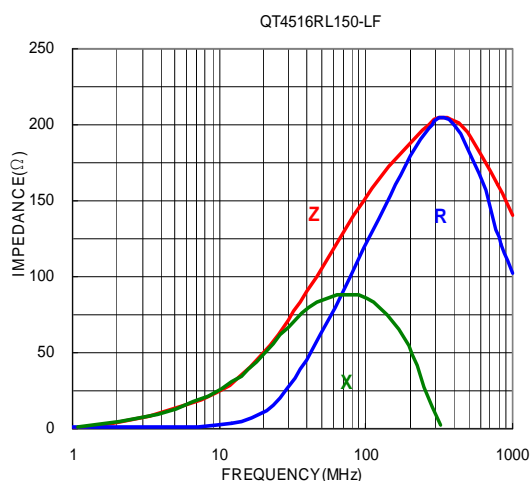
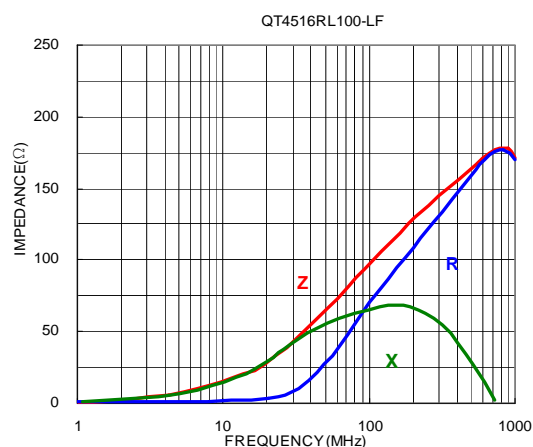
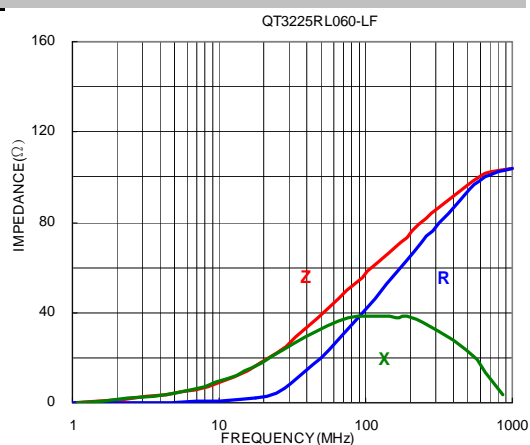
Electrical Characteristics / QT4516

System Number	Part Number	Impedance (Ω) $\pm 25\%$	Test Frequency (MHz)	DC Resistance Max. (m Ω)	Rated Current Max. (mA)
WP35O0723-00	QT4516RL100 __	100	100	100	500
WP35O0704-00	QT4516RL150 __	150	100	500	200

Electrical Characteristics / QT4532

System Number	Part Number	Impedance (Ω) $\pm 25\%$	Test Frequency (MHz)	DC Resistance Max. (m Ω)	Rated Current Max. (mA)
WP35O0824-00	QT4532RL130 __	130	100	400	300
WP35O0822-03	QT4532BL025 __	25	100	400	300
WP35O0820-05	QT4532NL070 __	70	100	400	300

Electrical Curve / QT3225 , QT4516 , QT4532



Multilayer Ferrite Chip Beads / QT Series

Electrical Curve / QT3225 , QT4516 , QT4532

