

FBS Series
SMD EMI Suppression Ferrite Bead
Size 0402



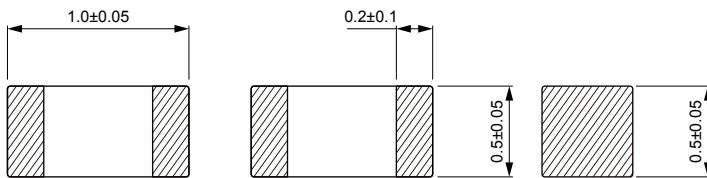
CHARACTERISTICS

- Noise countermeasures for general signals, high-speed signals and power line
- Impedance up to 1000Ω
- Up to 6A of rated current
- Quantity: 10000pcs

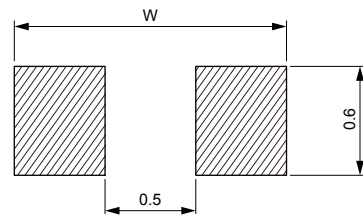
APPLICATION

- Data lines and low power lines
- Connection between digital and analog circuit

Dimensions: [mm]



Land Pattern: [mm]



WIDE BAND / HIGH SPEED: W = 1.5
 HIGH CURRENT: W = 2.2

Electrical Properties:

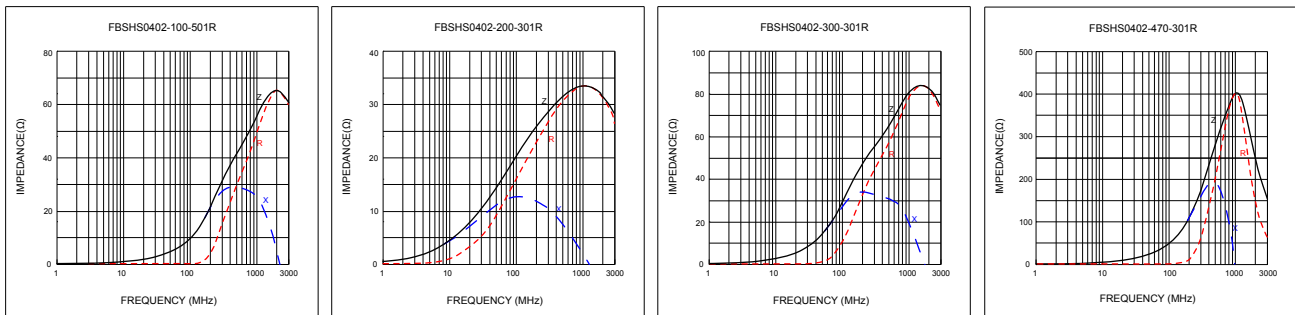
Part No	Impedance @ 100MHz (Ω)	Tolerance	Temperature Rise Current (mA)	DC Resistance (Ω)
FBSHS0402-100-501R	10	±25%	500	0.100
FBSHS0402-200-301R	20	±25%	300	0.200
FBSHS0402-300-301R	30	±25%	300	0.150
FBSHS0402-470-301R	47	±25%	300	0.350
FBSHS0402-600-651R	60	±25%	650	0.200
FBSHS0402-600-401R	60	±25%	400	0.300
FBSHS0402-750-301R	75	±25%	300	0.400
FBSHS0402-101-301R	100	±25%	300	0.550
FBSHS0402-121-501R	120	±25%	500	0.400
FBSHS0402-151-501R	150	±25%	500	0.300
FBSHS0402-221-201R	220	±25%	200	0.800
FBSHS0402-301-101R	300	±25%	100	1.000
FBSHS0402-471-251R	470	±25%	250	0.450
FBSHS0402-601-500R	600	±25%	50	1.500
FBSHS0402-601-601R	600	±25%	600	0.340
FBSWB0402-100-501R	10	±25%	500	0.050
FBSWB0402-300-301R	30	±25%	300	0.200

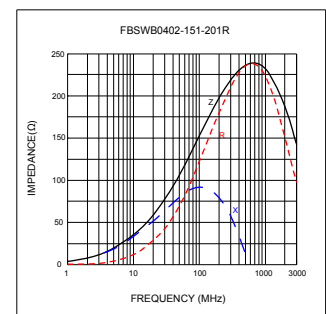
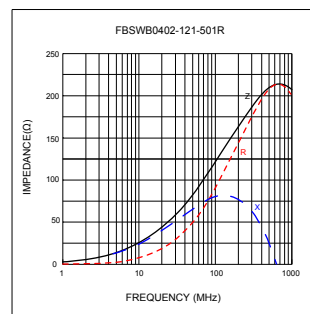
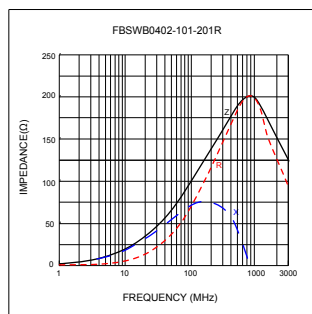
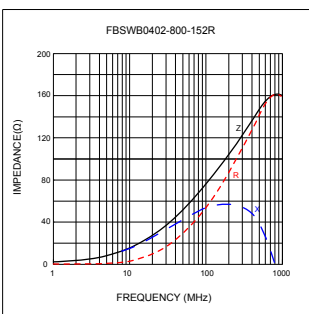
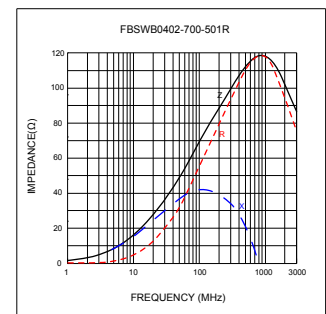
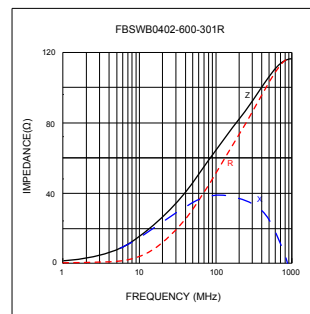
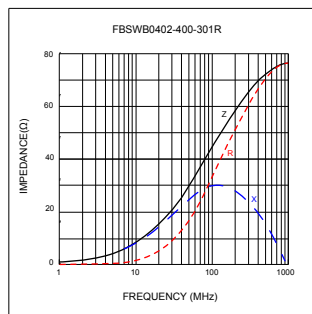
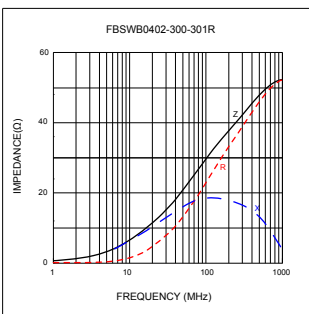
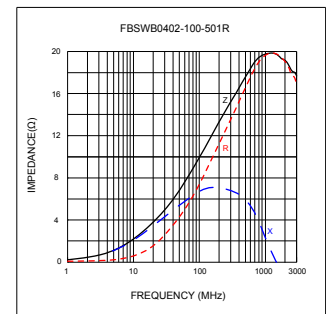
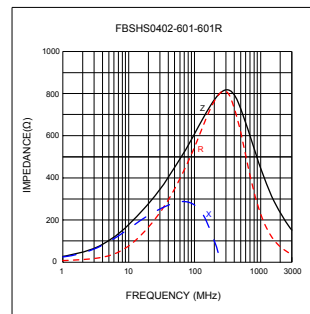
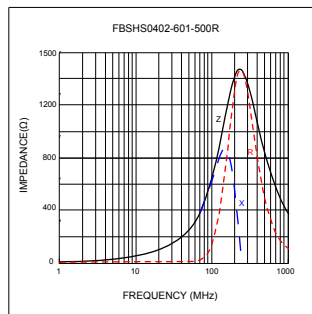
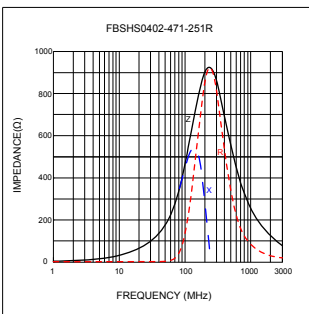
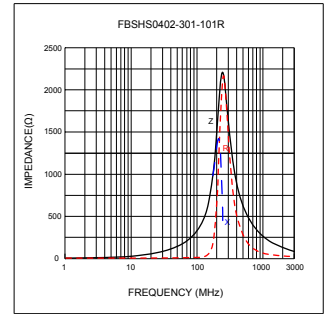
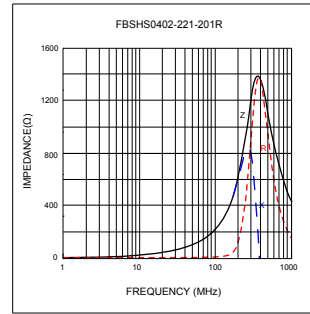
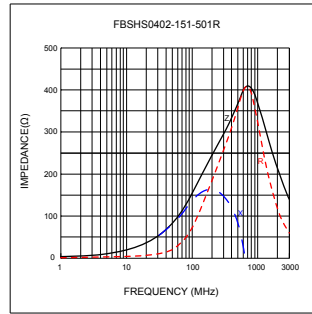
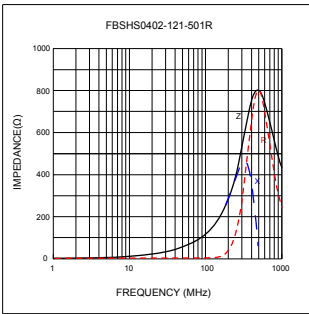
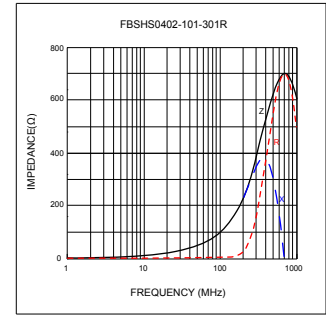
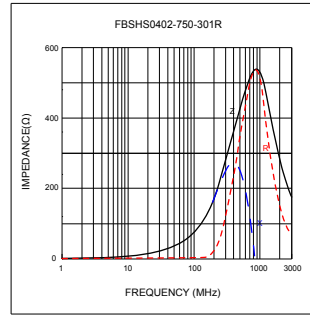
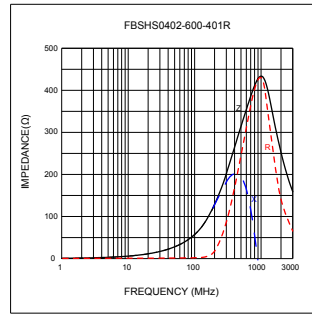
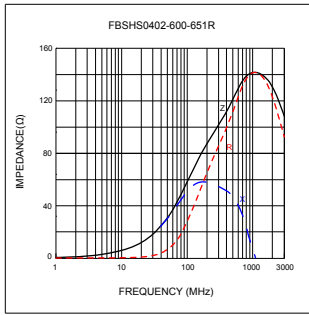
Part No	Impedance @ 100MHz (Ω)	Tolerance	Temperature Rise Current (mA)	DC Resistance (Ω)
FBSWB0402-400-301R	40	±25%	300	0.200
FBSWB0402-600-301R	60	±25%	300	0.200
FBSWB0402-700-501R	70	±25%	500	0.150
FBSWB0402-800-152R	80	±25%	1500	0.070
FBSWB0402-101-201R	100	±25%	200	0.450
FBSWB0402-121-501R	120	±25%	500	0.250
FBSWB0402-151-201R	150	±25%	200	0.600
FBSWB0402-181-401R	180	±25%	400	0.300
FBSWB0402-221-401R	220	±25%	400	0.330
FBSWB0402-241-501R	240	±25%	500	0.300
FBSWB0402-301-201R	300	±25%	200	0.700
FBSWB0402-331-101R	330	±25%	100	0.750
FBSWB0402-471-101R	470	±25%	100	0.900
FBSWB0402-601-201R	600	±25%	200	0.800
FBSWB0402-601-301R	600	±25%	300	0.600
FBSWB0402-801-500R	800	±25%	50	1.200
FBSWB0402-102-201R	1000	±25%	200	1.000
FBSHC0402-100-202R	10	±25%	2000	0.030
FBSHC0402-300-172R	30	±25%	1700	0.050
FBSHC0402-600-152R	60	±25%	1500	0.075
FBSHC0402-700-122R	70	±25%	1200	0.090
FBSHC0402-800-102R	80	±25%	1000	0.100
FBSHC0402-101-122R	100	±25%	1200	0.090
FBSHC0402-121-122R	120	±25%	1200	0.090
FBSHC0402-121-202R	120	±25%	2000	0.055

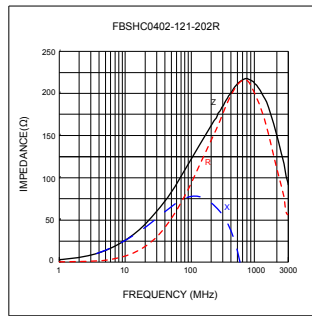
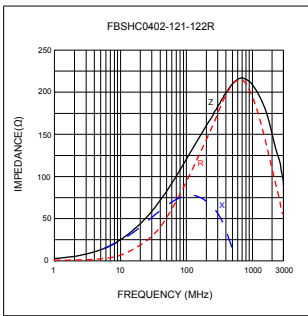
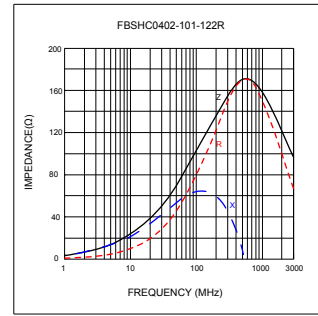
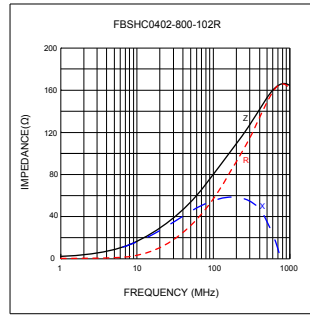
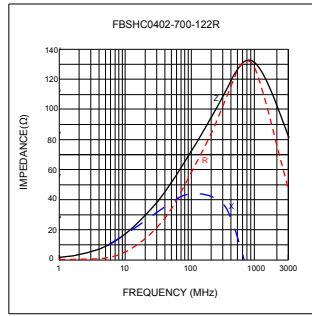
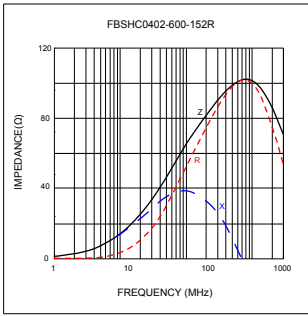
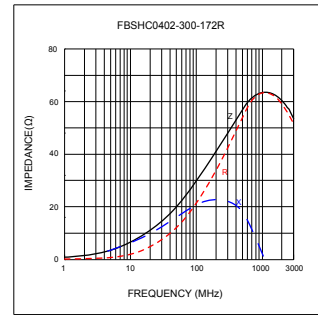
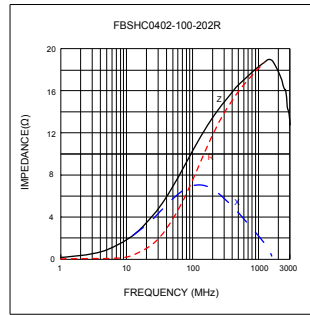
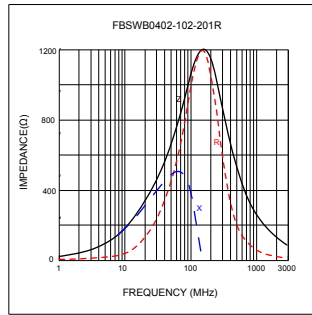
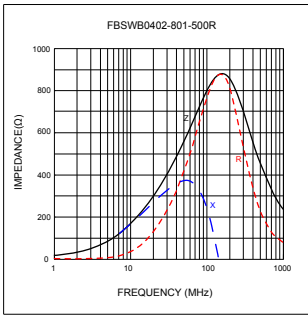
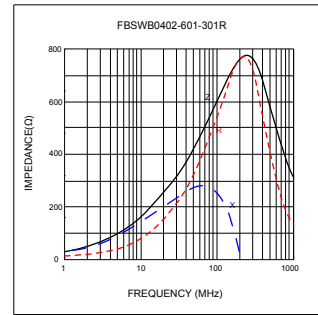
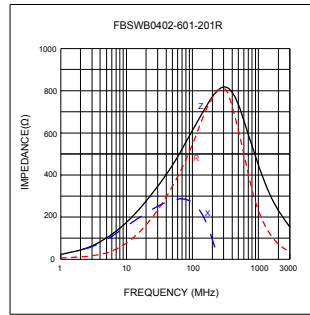
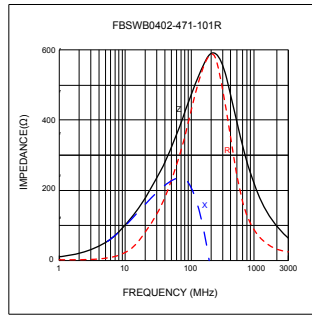
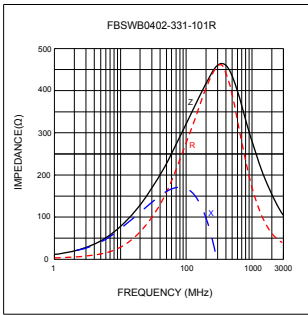
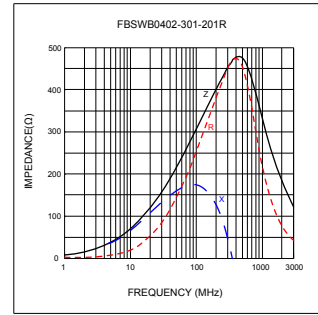
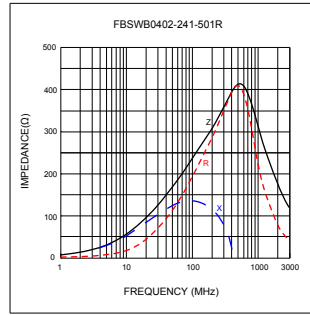
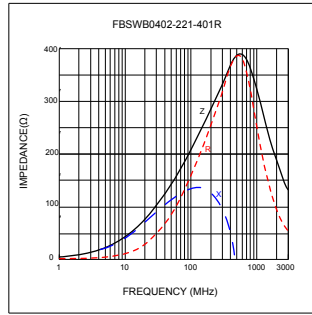
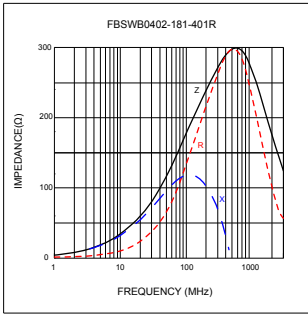
Operating temperature : -55 °C to +125 °C

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Typical Electrical Characteristics:







X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ferrite Beads](#) category:

Click to view products by [KOHER](#) manufacturer:

Other Similar products are found below :

[CZB1EGTTP700P](#) [CZB1JGTTD152P](#) [CZB1JGTTD601P](#) [CZB2AFTTD800P](#) [CZB2AGTTD121P](#) [CZB2AGTTD601P](#) [CZB2BFTTE600P](#)
[PE-0402FB121ST](#) [NCB0603R301TR050F](#) [NCB0805A320TR050F](#) [NCB-H1206B680TR300F](#) [SMB2.5-1TR](#) [SMB2.5R-2](#) [CZB1EGTTP121P](#)
[CZB1JGTTD102P](#) [CZB1JGTTD121P](#) [CZB1JGTTD221P](#) [CZB1JGTTD600P](#) [CZB2AGTTD301P](#) [CZB2BFTTE301P](#) [CZB2BFTTE601P](#)
[4221R-1](#) [4221R-2](#) [4221R-3](#) [432703041971](#) [EMI0805R-2000](#) [EMI0805R-600](#) [SBY100505T-100Y-N](#) [NCB-GH0402D121TR060F](#) [NCB-](#)
[H1812D125TR150F](#) [CZB2AGTTD102P](#) [NCB0402P301TR005F](#) [NCB0603R152TR030F](#) [NCB0805A121TR050F](#) [NCB0805A301TR070F](#)
[NCB3312K900TR500F](#) [NCB-H0805A221TR300F](#) [NCB-H1806E181TR300F](#) [NCB0402P221TR030F](#) [NCB0402P300TR030F](#)
[NCB0402P601TR030F](#) [NCB0805A102TR040F](#) [NCB1806E151TR020F](#) [NCB-H0402P100TR200F](#) [NCB-H0603R121TR300F](#) [NCB-](#)
[H0805A220TR600F](#) [NCB-H1206B601TR200F](#) [CIM21J252NE](#) [EMI0805R-220](#) [74279250](#)