

**FBS Series**  
**SMD EMI Suppression Ferrite Bead**  
**Size 0805**



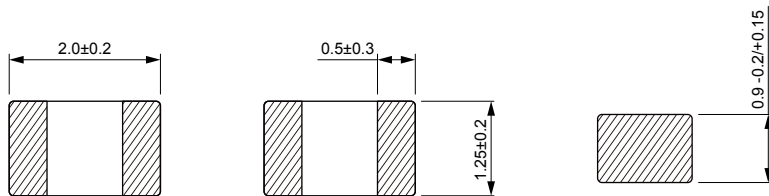
**CHARACTERISTICS**

- Noise countermeasures for general signals, high-speed signals and power line
- Impedance up to 1000Ω
- Up to 6A of rated current
- Quantity: 4000pcs

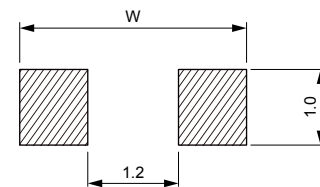
**APPLICATION**

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

**Dimensions: [mm]**



**Land Pattern: [mm]**



WIDE BAND / HIGH SPEED: W = 3.0  
 HIGH CURRENT: W = 4.0

**Electrical Properties:**

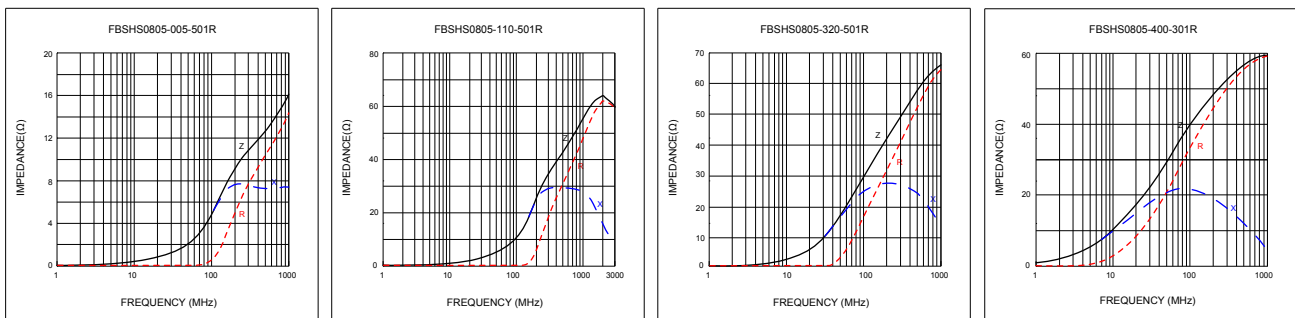
Part No	Impedance @ 100MHz (Ω)	Tolerance	Temperature Rise Current (mA)	DC Resistance (Ω)
FBSHS0805-005-501R	5	±25%	500	0.070
FBSHS0805-110-501R	11	±25%	500	0.070
FBSHS0805-320-501R	32	±25%	500	0.100
FBSHS0805-400-301R	40	±25%	300	0.150
FBSHS0805-560-301R	56	±25%	300	0.300
FBSHS0805-750-501R	75	±25%	500	0.150
FBSHS0805-121-501R	120	±25%	500	0.200
FBSHS0805-151-102R	150	±25%	1000	0.150
FBSHS0805-202-401R	2000	±25%	400	0.500
FBSHS0805-221-501R	220	±25%	500	0.200
FBSHS0805-301-501R	300	±25%	500	0.200
FBSHS0805-601-201R	600	±25%	200	0.650
FBSHS0805-751-201R	750	±25%	200	0.300
FBSWB0805-800-501R	80	±25%	500	0.150
FBSWB0805-241-301R	240	±25%	300	0.250
FBSWB0805-401-301R	400	±25%	300	0.300
FBSWB0805-471-301R	470	±25%	300	0.350

Part No	Impedance @ 100MHz (Ω)	Tolerance	Temperature Rise Current (mA)	DC Resistance (Ω)
FBSWB0805-601-301R	600	±25%	300	0.350
FBSWB0805-102-201R	1000	±25%	200	0.400
FBSWB0805-122-201R	1200	±25%	200	0.400
FBSWB0805-152-201R	1500	±25%	200	0.350
FBSWB0805-182-201R	1800	±25%	200	0.400
FBSWB0805-202-201R	2000	±25%	200	0.400
FBSWB0805-222-201R	2200	±25%	200	0.500
FBSWB0805-272-201R	2700	±25%	200	0.600
FBSHC0805-100-302R	10	±25%	3000	0.025
FBSHC0805-220-602R	22	±25%	6000	0.008
FBSHC0805-300-402R	30	±25%	4000	0.025
FBSHC0805-330-602R	33	±25%	6000	0.008
FBSHC0805-600-302R	60	±25%	3000	0.040
FBSHC0805-101-102R	100	±25%	1000	0.150
FBSHC0805-121-302R	120	±25%	3000	0.050
FBSHC0805-221-302R	220	±25%	3000	0.050
FBSHC0805-301-302R	300	±25%	3000	0.050
FBSHC0805-331-302R	330	±25%	3000	0.050
FBSHC0805-601-202R	600	±25%	2000	0.100
FBSHC0805-102-102R	1000	±25%	1000	0.300
FBSHC0805-152-102R	1500	±25%	1000	0.300

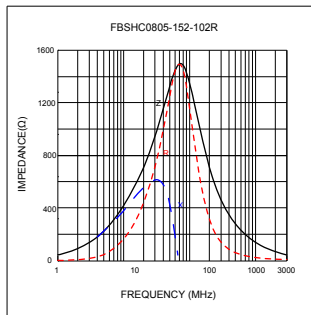
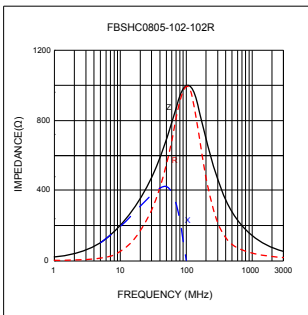
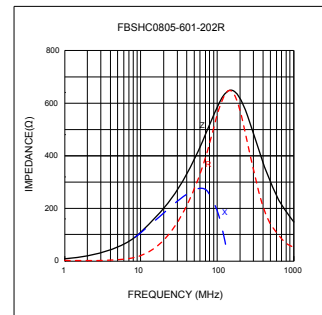
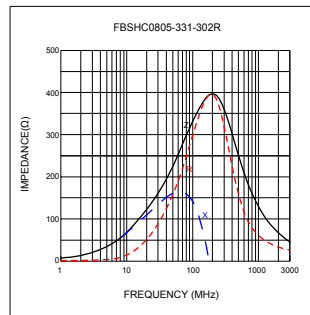
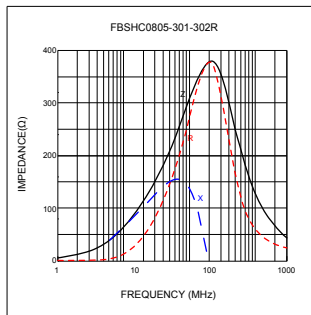
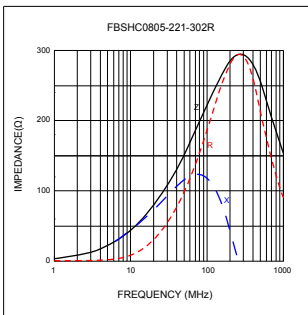
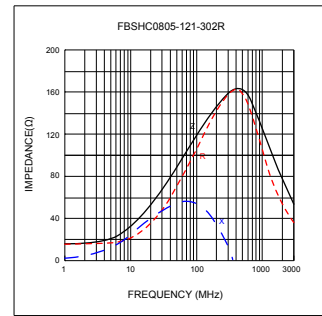
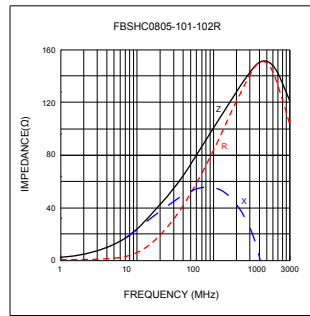
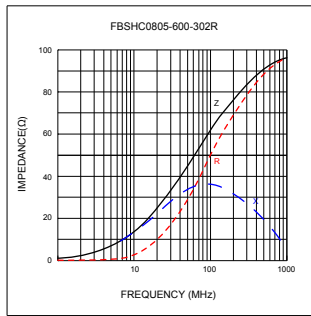
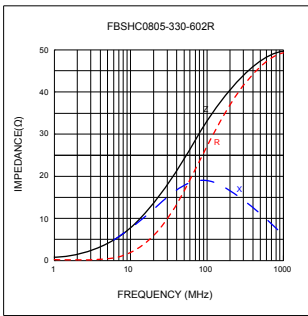
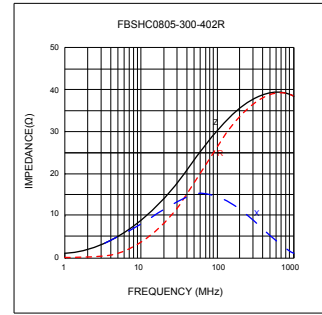
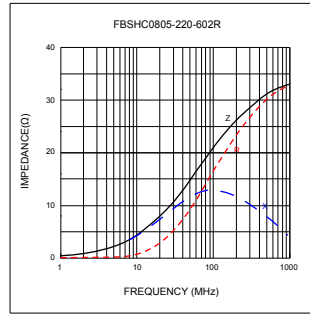
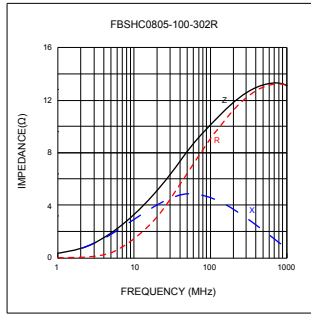
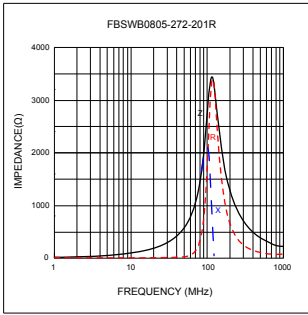
Operating temperature : -55°C to +125°C

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

### Typical Electrical Characteristics:







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