

FBS Series

SMD EMI Suppression Ferrite Bead

Size 0603



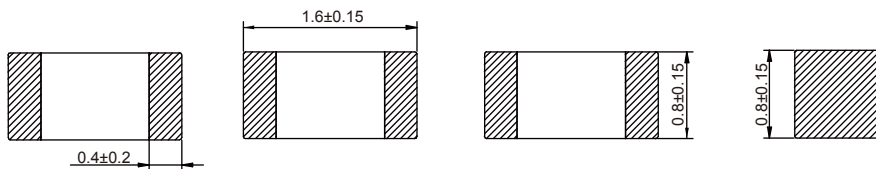
CHARACTERISTICS

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

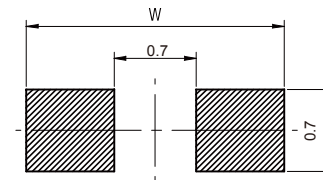
APPLICATION

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

Dimensions: [mm]



Land Pattern: [mm]



WIDE BAND / HIGH SPEED: W = 2.2
HIGH CURRENT : W = 2.6

Electrical Properties:

Part No	Impedance @100MHz (Ω)	Tolerance	DCR (Ω)	Temperature Rise Current (mA)
FBSHS0603-100-901R	10	±25%	0.1	900
FBSHS0603-330-501R	33	±25%	0.2	500
FBSHS0603-400-401R	40	±25%	0.15	400
FBSHS0603-470-501R	47	±25%	0.3	500
FBSHS0603-600-701R	60	±25%	0.15	700
FBSHS0603-680-701R	68	±25%	0.1	700
FBSHS0603-800-701R	80	±25%	0.1	700
FBSHS0603-121-301R	120	±25%	0.3	300
FBSHS0603-151-301R	150	±25%	0.3	300
FBSHS0603-301-301R	300	±25%	0.35	300
FBSHS0603-471-451R	470	±25%	0.35	450
FBSHS0603-601-301R	600	±25%	0.65	300
FBSHS0603-102-301R	1000	±25%	0.6	300
FBSWB0603-101-601R	100	±25%	0.15	600
FBSWB0603-121-501R	120	±25%	0.2	500
FBSWB0603-181-601R	180	±25%	0.15	600
FBSWB0603-221-501R	220	±25%	0.17	500

Part No	Impedance @100MHz (Ω)	Tolerance	DCR (Ω)	Temperature Rise Current (mA)
FBSWB0603-241-401R	240	$\pm 25\%$	0.2	400
FBSWB0603-471-201R	470	$\pm 25\%$	0.55	200
FBSWB0603-601-401R	600	$\pm 25\%$	0.35	400
FBSWB0603-751-401R	750	$\pm 25\%$	0.35	400
FBSWB0603-102-301R	1000	$\pm 25\%$	0.55	300
FBSWB0603-102-101R	1000	$\pm 25\%$	0.85	100
FBSWB0603-102-601R	1000	$\pm 25\%$	0.3	600
FBSWB0603-122-301R	1200	$\pm 25\%$	0.55	300
FBSWB0603-152-501R	1500	$\pm 25\%$	0.4	500
FBSWB0603-182-501R	1800	$\pm 25\%$	0.6	500
FBSWB0603-222-301R	2200	$\pm 25\%$	0.7	300
FBSWB0603-252-500R	2500	$\pm 25\%$	1.0	50
FBSHC0603-220-302R	22	$\pm 25\%$	0.04	3000
FBSHC0603-280-302R	28	$\pm 25\%$	0.03	3000
FBSHC0603-300-102R	30	$\pm 25\%$	0.08	1000
FBSHC0603-300-302R	30	$\pm 25\%$	0.04	3000
FBSHC0603-600-302R	60	$\pm 25\%$	0.04	3000
FBSHC0603-121-202R	120	$\pm 25\%$	0.05	2000
FBSHC0603-181-202R	180	$\pm 25\%$	0.08	2000
FBSHC0603-301-202R	300	$\pm 25\%$	0.1	2000
FBSHC0603-471-152R	470	$\pm 25\%$	0.15	1500
FBSHC0603-601-102R	600	$\pm 25\%$	0.2	1000
FBSHC0603-102-102R	1000	$\pm 25\%$	0.2	1000

Operating Temperature: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Temperature rise current the actual value of DC current when the temperature rise is $\Delta T40^{\circ}\text{C}$

Typical Electrical Characteristics:

