

FBS Series

SMD EMI Suppression Ferrite Bead Size 0402



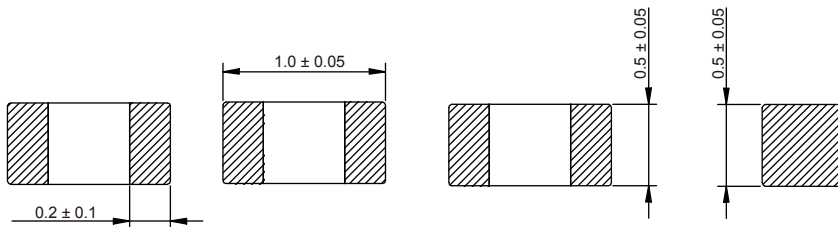
CHARACTERISTICS

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

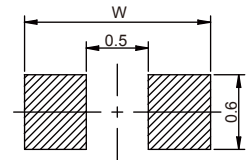
APPLICATION

- 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	DCR (Ω)	Temperature Rise Current (mA)
FBSHS0402-100-501R	10	±25%	0.10	500
FBSHS0402-200-301R	20	±25%	0.20	300
FBSHS0402-300-301R	30	±25%	0.15	300
FBSHS0402-470-301R	47	±25%	0.35	300
FBSHS0402-600-651R	60	±25%	0.20	650
FBSHS0402-600-401R	60	±25%	0.30	400
FBSHS0402-750-301R	75	±25%	0.40	300
FBSHS0402-101-301R	100	±25%	0.55	300
FBSHS0402-121-501R	120	±25%	0.40	500
FBSHS0402-151-501R	150	±25%	0.30	500
FBSHS0402-221-201R	220	±25%	0.80	200
FBSHS0402-301-101R	300	±25%	1.00	100
FBSHS0402-471-251R	470	±25%	0.45	250
FBSHS0402-601-500R	600	±25%	1.50	50
FBSHS0402-601-601R	600	±25%	0.34	600
FBSWB0402-100-501R	10	±25%	0.05	500
FBSWB0402-300-301R	30	±25%	0.20	300

Part No	Impedance @100MHz (Ω)	Tolerance	DCR (Ω)	Temperature Rise Current (mA)
FBSWB0402-400-301R	40	$\pm 25\%$	0.20	300
FBSWB0402-600-301R	60	$\pm 25\%$	0.20	300
FBSWB0402-700-501R	70	$\pm 25\%$	0.15	500
FBSWB0402-800-152R	80	$\pm 25\%$	0.07	1500
FBSWB0402-101-201R	100	$\pm 25\%$	0.45	200
FBSWB0402-121-501R	120	$\pm 25\%$	0.25	500
FBSWB0402-151-201R	150	$\pm 25\%$	0.60	200
FBSWB0402-181-401R	180	$\pm 25\%$	0.30	400
FBSWB0402-221-401R	220	$\pm 25\%$	0.33	400
FBSWB0402-241-501R	240	$\pm 25\%$	0.30	500
FBSWB0402-301-201R	300	$\pm 25\%$	0.70	200
FBSWB0402-331-101R	330	$\pm 25\%$	0.75	100
FBSWB0402-471-101R	470	$\pm 25\%$	0.90	100
FBSWB0402-601-201R	600	$\pm 25\%$	0.80	200
FBSWB0402-601-301R	600	$\pm 25\%$	0.60	300
FBSWB0402-801-500R	800	$\pm 25\%$	1.20	50
FBSWB0402-102-201R	1000	$\pm 25\%$	1.00	200
FBSHC0402-100-202R	10	$\pm 25\%$	0.03	2000
FBSHC0402-300-172R	30	$\pm 25\%$	0.05	1700
FBSHC0402-600-152R	60	$\pm 25\%$	0.075	1500
FBSHC0402-700-122R	70	$\pm 25\%$	0.09	1200
FBSHC0402-800-102R	80	$\pm 25\%$	0.10	1000
FBSHC0402-101-122R	100	$\pm 25\%$	0.09	1200
FBSHC0402-121-122R	120	$\pm 25\%$	0.09	1200
FBSHC0402-121-202R	120	$\pm 25\%$	0.055	2000

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:

