

FBS Series

SMD EMI Suppression Ferrite Bead

Size 0603



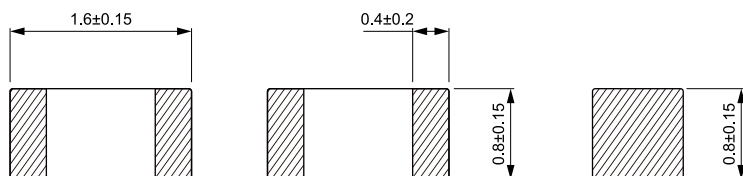
FEATURES

- Noise countermeasures for general signals, high-speed signals and power line
- Impedance up to 1000Ω
- Up to 6A of rated current
- Operating temperature: -55 to +125 °C
- Quantity: 4000pcs

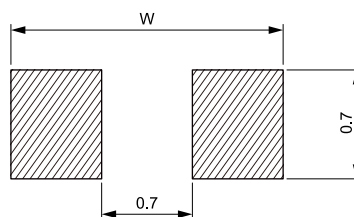
APPLICATION

- 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

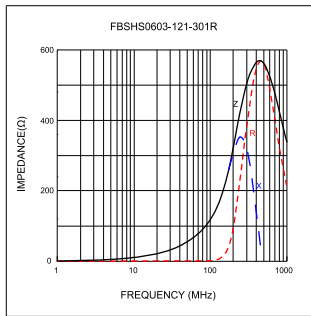
Electrical Properties:

Part No	Impedance @ 100MHz (Ω)	Tolerance	Temperature Rise Current (mA)	DC Resistance (Ω)
FBHS0603-121-301R	120	±25%	300	0.300

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

				UNIT: MM	KOHER elec KOHER (Shanghai) Electronic Co.,Ltd
				SHEET: 1/2	
				APPROVAL:MAX	
A0	9-DEC-22	PDF	WL	SIZE: A4	DESCRIPTION: SMD EMI Suppression Ferrite Bead
REV	DATE	FILE	BY	PACKING UNIT: 4000 pcs	PART NO: FBHS0603-121-301R

Typical Electrical Characteristics:



				UNIT: MM	KOHER elec KOHER (Shanghai) Electronic Co.,Ltd
				SHEET: 2/2	
				APPROVAL:MAX	
A0	9-DEC-22	PDF	WL	SIZE: A4	DESCRIPTION: SMD EMI Suppression Ferrite Bead
REV	DATE	FILE	BY	PACKING UNIT: 4000 pcs	PART NO: FB5HS0603-121-301R