

**FBE Series**  
**SMD EMI Suppression Ferrite Bead**  
**Size 1206**



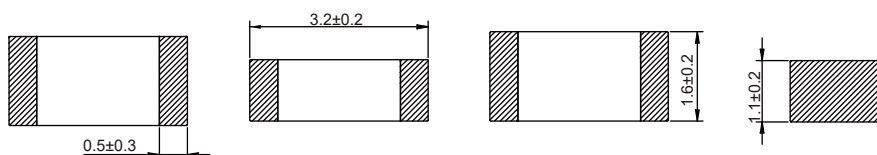
**CHARACTERISTICS**

- Monolithic inorganic material construction.
- Closed magnetic circuit avoids crosstalk.
- Suitable for reflow soldering.
- Available in various sizes.
- Quantity: 3000pcs

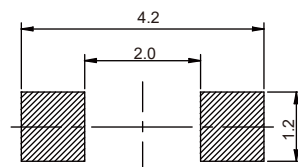
**APPLICATION**

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

**Dimensions: [mm]**



**Land Pattern: [mm]**



**Electrical Properties:**

Part No	Impedance @100MHz (Ω)	Tolerance	DCR (max) (Ω)	Temperature Rise Current (max) (mA)
FBE1206-260-501R	26	±25%	0.20	500
FBE1206-310-501R	31	±25%	0.20	500
FBE1206-420-501R	42	±25%	0.20	500
FBE1206-500-501R	50	±25%	0.20	500
FBE1206-700-501R	70	±25%	0.20	500
FBE1206-900-501R	90	±25%	0.20	500
FBE1206-121-901R	120	±25%	0.15	900
FBE1206-151-901R	150	±25%	0.15	900
FBE1206-201-601R	200	±25%	0.35	600
FBE1206-221-701R	220	±25%	0.35	700
FBE1206-301-701R	300	±25%	0.35	700
FBE1206-471-401R	470	±25%	0.35	400
FBE1206-601-401R	600	±25%	0.40	400

Operating Temperature: -55 °C ~ +125 °C

Temperature rise current the actual value of DC current when the temperature rise is ΔT40 °C

## Impedance & Frequency Characteristics:

