

FBHE S Series

SMD Suppression Ferrite Bead

Size 1206



FEATURES

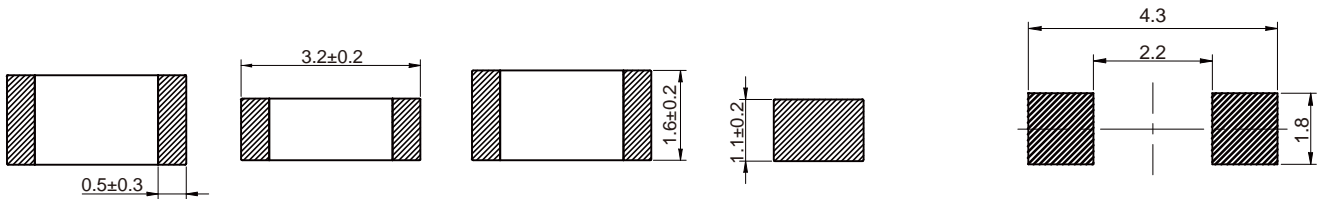
- Monolithic inorganic material construction.
- Closed magnetic circuit avoids crosstalk.
- Suitable for reflow soldering.
- Available in various sizes.
- Operating temperature: -55 to +125 °C (including self-temperature rise)
- Quantity: 3000pcs

APPLICATION

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

Dimensions: [mm]

Land Pattern: [mm]

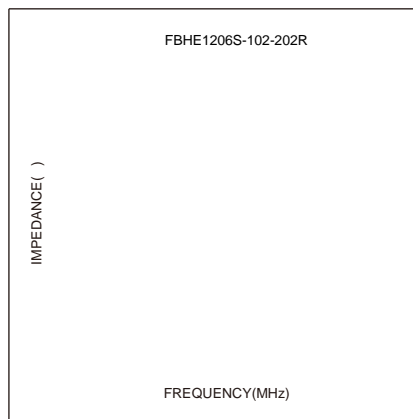
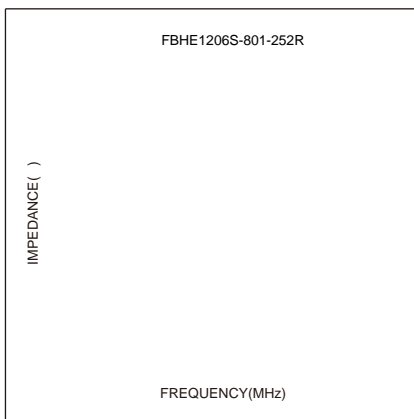
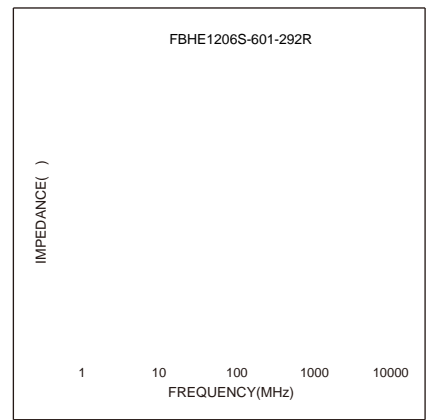
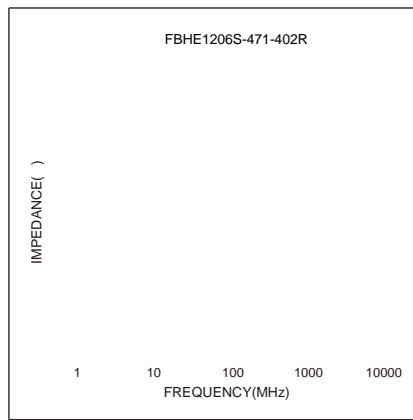
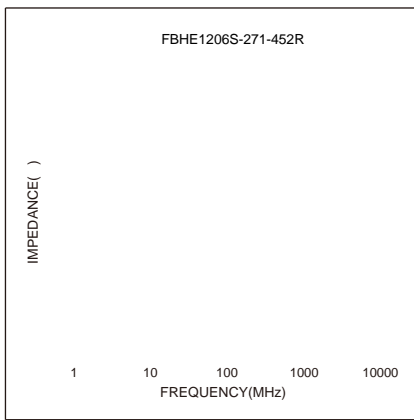
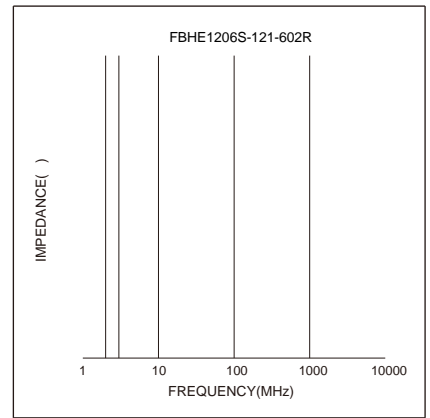
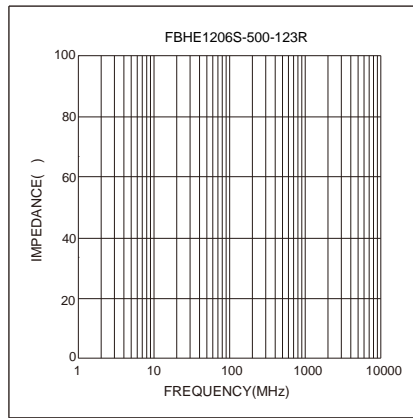
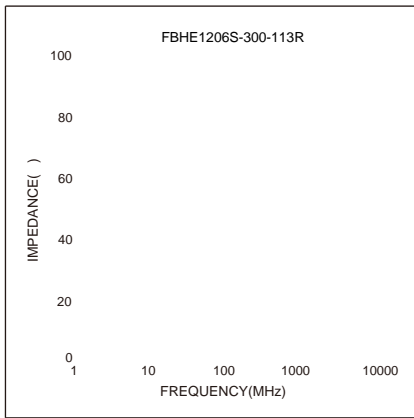


Electrical Properties:

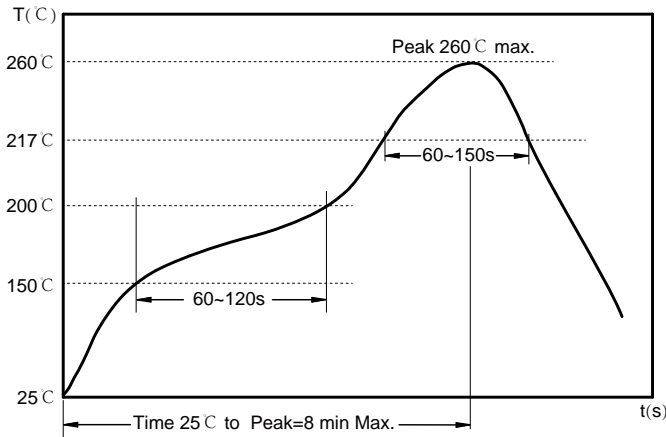
Part No	Impedance @ 100MHz (Ω)	Tolerance	DC Resistance Max. (Ω)	Temperature Rise Current Max. (mA)
FBHE1206S-300-113R	30	±25 %	0.0025	11000
FBHE1206S-500-123R	50	±25 %	0.0025	12000
FBHE1206S-121-602R	120	±25 %	0.0090	6000
FBHE1206S-271-452R	270	±25 %	0.0160	4500
FBHE1206S-471-402R	470	±25 %	0.0200	4000
FBHE1206S-601-292R	600	±25 %	0.0380	2900
FBHE1206S-801-252R	800	±25 %	0.0500	2500
FBHE1206S-102-202R	1000	±25 %	0.0750	2000

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

Typical Electrical Characteristics:



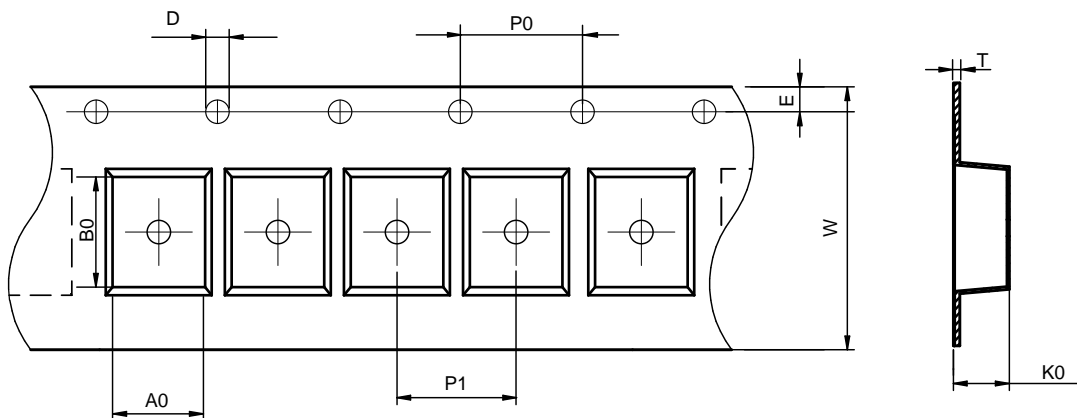
Soldering Reflow:



Preheat condition: 150 ~200 °C / 60~120 sec.
 Allowed time above 217 °C: 60~150 sec.
 Max temperature: 260 °C.

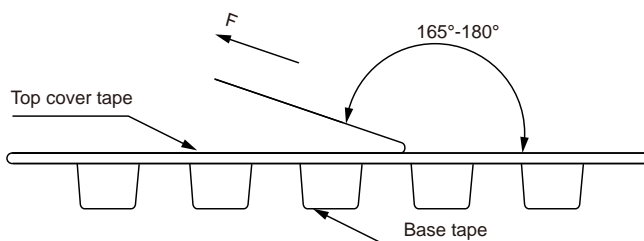
Packaging Information:

Tape Dimension:



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
FBHE1206S	1.75± 0.1	3.35± 0.1	1.5± 0.1	4.0± 0.1	4.0± 0.1	8.0± 0.3	1.25± 0.1	1.75± 0.1	0.23± 0.05

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.14 to 0.58 N

