

## FBHE S Series

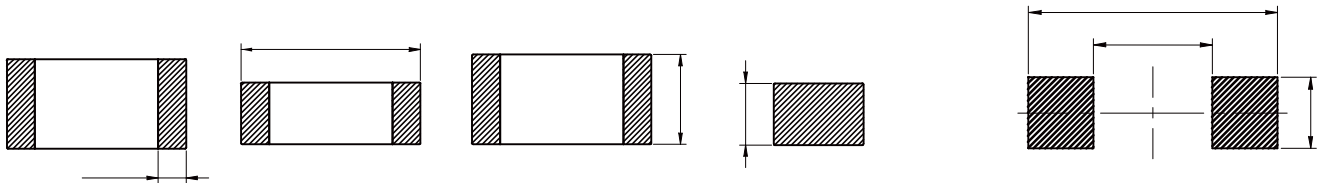


### FEATURES

- 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: 3000 pcs

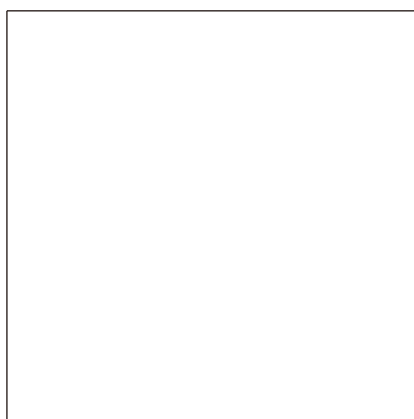
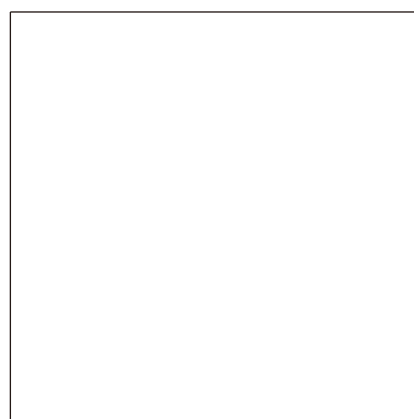
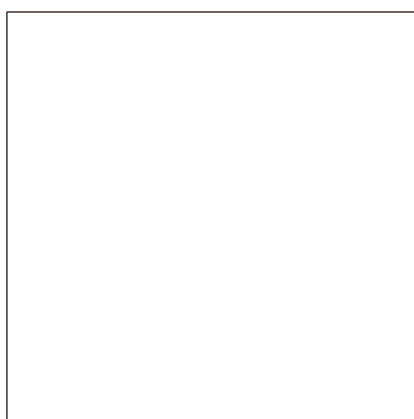
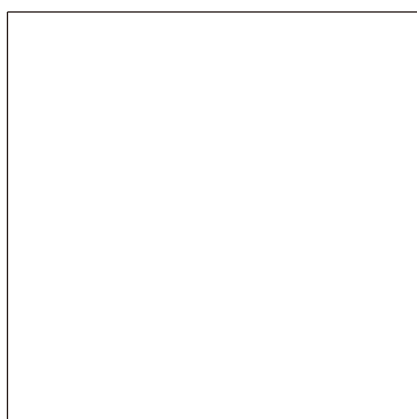
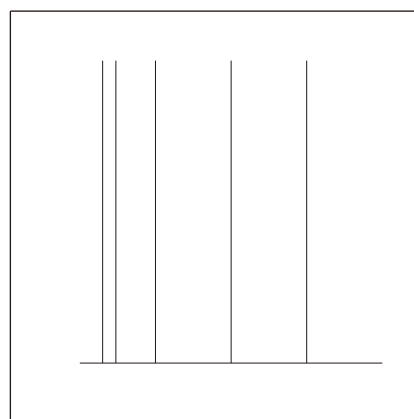
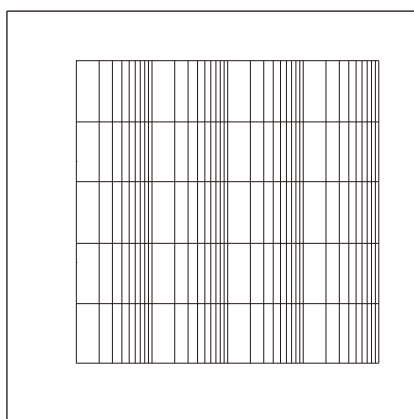
### APPLICATION

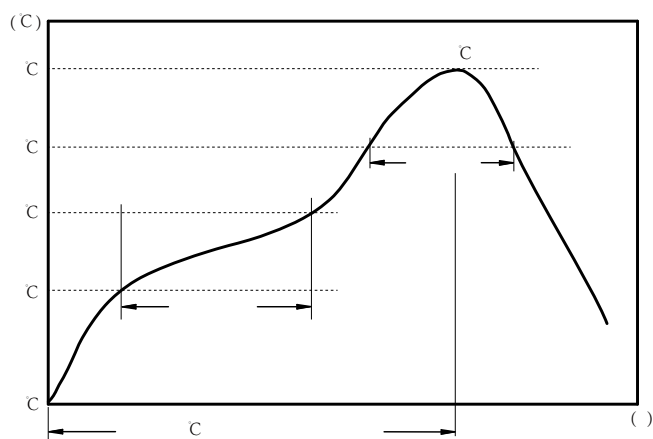
- Data lines and low power lines
- Connection between digital and analog circuit



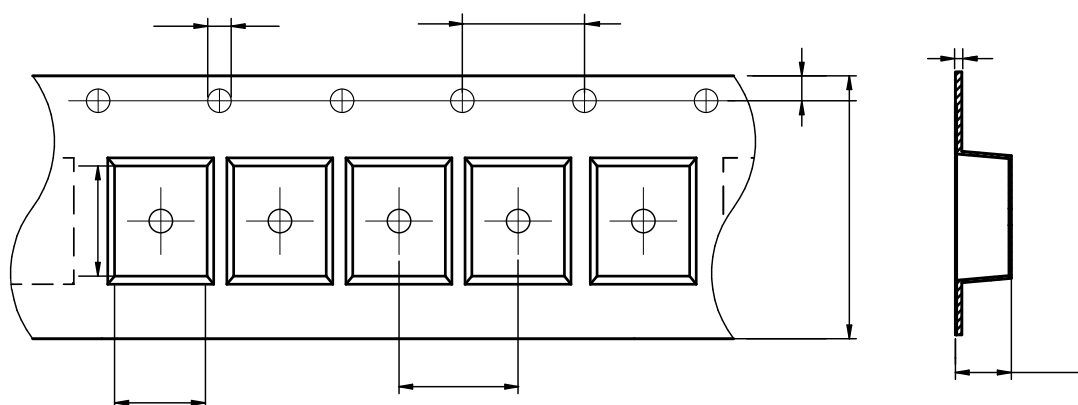
| Part No            | Impedance<br>@ 100MHz<br>(Ω) | Tolerance | DC Resistance<br>Max.<br>(Ω) | Temperature<br>Rise Current<br>Max.<br>(mA) |
|--------------------|------------------------------|-----------|------------------------------|---------------------------------------------|
| FBHE1206S-300-113R | 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                                        |



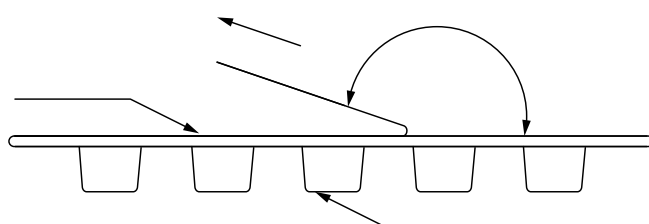




C  
C  
C



| FBHE1206S | $1.75 \pm 0.1$ | $3.35 \pm 0.1$ | $1.5 \pm 0.1$ | $4.0 \pm 0.1$ | $4.0 \pm 0.1$ | $8.0 \pm 0.3$ | $1.25 \pm 0.1$ | $1.75 \pm 0.1$ | $0.23 \pm 0.05$ |
|-----------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|-----------------|



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

