

## FBHA S Series

Chip Ferrite Bead High Current Type  
Size 0805



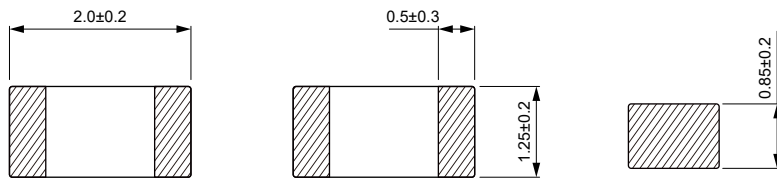
### FEATURES

- Noise reduction solution for power line.
- Compared to the FBA series, has low direct current resistance for compatibility with large currents, optimal for low power consumption.
- Various frequency characteristics with 2 materials of different features for countermeasures against everything from general signals to high-speed signals.
- Performs well even in signal lines where low direct current resistance is required.
- AEC-Q200 qualified.
- Operating temperature: -55 to +150 °C (including self-temperature rise)
- Quantity: 4000PCS

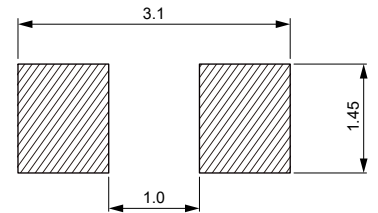
### APPLICATION

- Power line filter for body controls, and car multimedia etc.

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

| Part No            | Impedance @ 100MHz (Ω) | Tolerance | DC Resistance Max. (Ω) | Temperature Rise Current Max. (mA) |
|--------------------|------------------------|-----------|------------------------|------------------------------------|
| FBHA0805S-300-852R | 30                     | ±25%      | 0.004                  | 8500                               |
| FBHA0805S-700-602R | 70                     | ±25%      | 0.009                  | 6000                               |
| FBHA0805S-111-502R | 110                    | ±25%      | 0.013                  | 5000                               |
| FBHA0805S-181-402R | 180                    | ±25%      | 0.020                  | 4000                               |
| FBHA0805S-331-282R | 330                    | ±25%      | 0.040                  | 2800                               |
| FBHA0805S-471-252R | 470                    | ±25%      | 0.050                  | 2500                               |
| FBHA0805S-601-232R | 600                    | ±25%      | 0.060                  | 2300                               |
| FBHA0805S-102-162R | 1000                   | ±25%      | 0.120                  | 1600                               |

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

Typical Electrical Characteristics:

