

FBHA S Series

Chip Ferrite Bead High Current Type

Size 0603



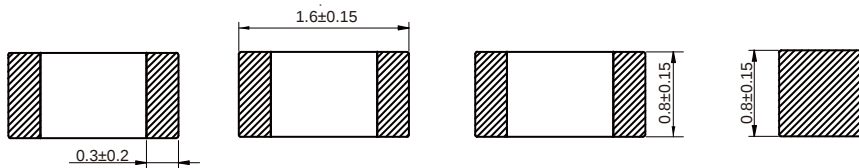
FEATURES

- 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: 4000 pcs

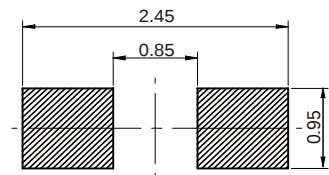
APPLICATION

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

Dimensions: [mm]



Land Pattern: [mm]



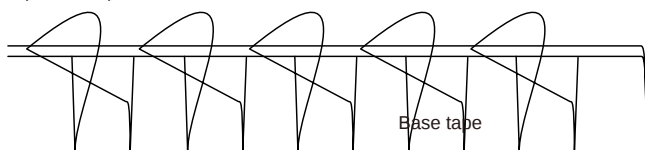
Electrical Properties:

Part No	Impedance @ 100MHz	Tolerance	DC Resistance Max.	Temperature Rise Current Max.
FBHA0603S-300-502R	30	±25%	0.010	5000
FBHA0603S-600-402R	60	±25%	0.020	4000
FBHA0603S-800-302R	80	±25%	0.030	3000
FBHA0603S-101-302R	100	±25%	0.030	3000
FBHA0603S-121-302R	120	±25%	0.035	3000
FBHA0603S-151-252R	150	±25%	0.040	2500
FBHA0603S-221-232R	220	±25%	0.050	2300
FBHA0603S-301-222R	300	±25%	0.070	2200
FBHA0603S-471-202R	470	±25%	0.090	2000
FBHA0603S-601-202R	600	±25%	0.095	2000
FBHA0603S-102-152R	1000	±25%	0.150	1500

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

165°-180°

Top cover tape



Base tape

Reel Dimension: [mm]

