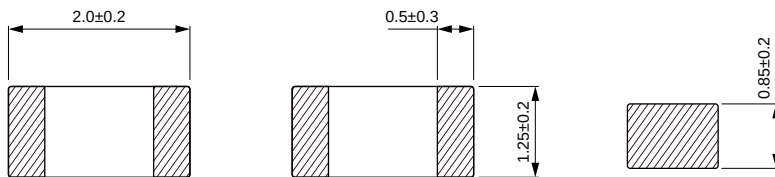


Chip Ferrite Bead High Current Type Size 0805

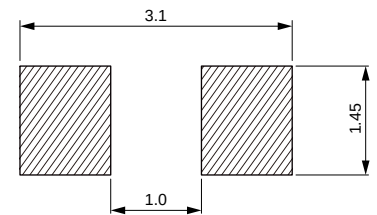


- Noise reduction solution for power line.
 - Compared to the FBA series, has low direct current resistance for compatibility with large currents, optimal for low power consumption.
 - Various frequency characteristics with 2 materials of different features for countermeasures against everything from 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
-
- Power line filter for body controls, and car multimedia etc.

Dimensions: [mm]



Land Pattern: [mm]

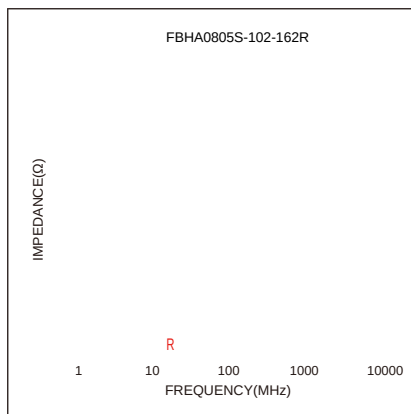
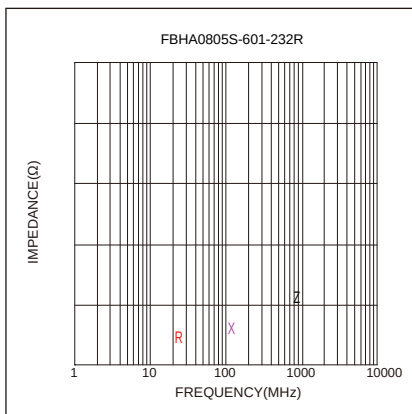
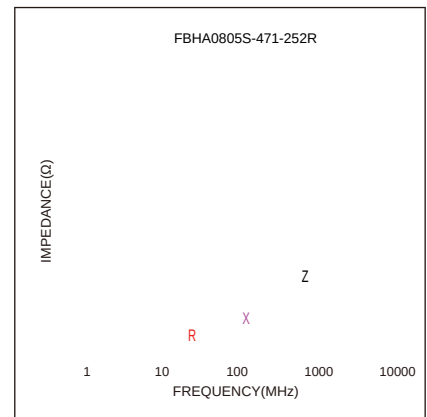
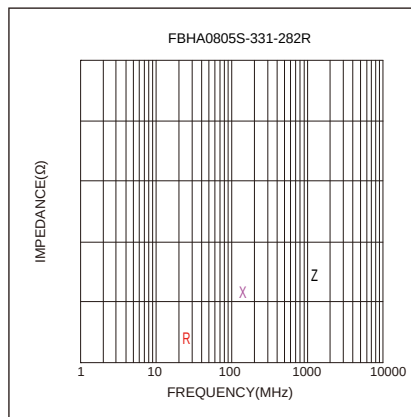
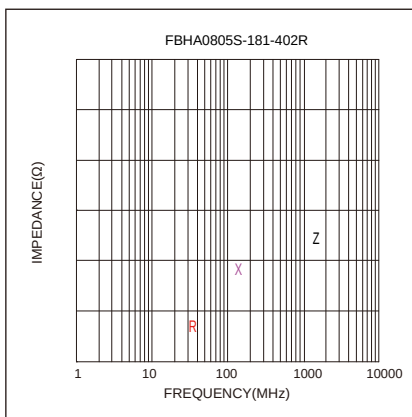
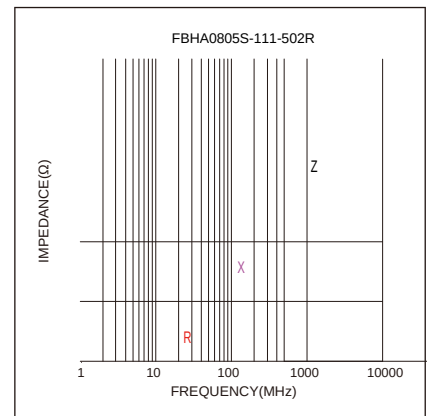
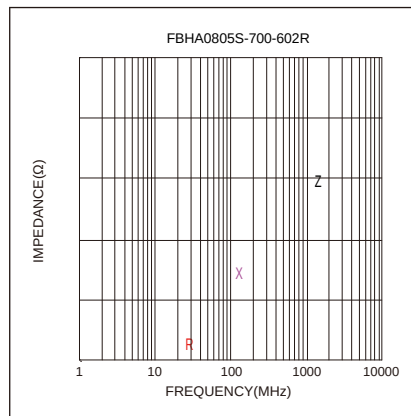
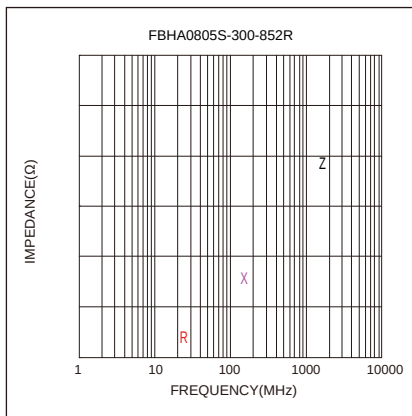


Electrical Properties:

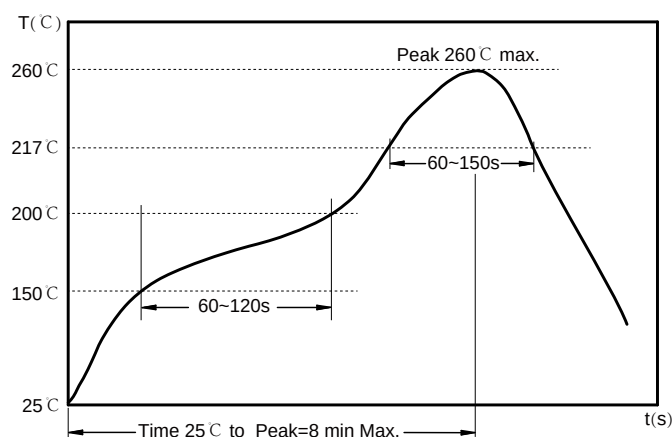
Part No	Impedance @ 100MHz	Tolerance	DC Resistance Max.	Temperature Rise Current Max.
FBHA0805S-300-852R	30	±25%	0.004	8500
FBHA0805S-700-602R	70	±25%	0.009	6000
FBHA0805S-111-502R	110	±25%	0.013	5000
FBHA0805S-181-402R	180	±25%	0.020	4000
FBHA0805S-331-282R	330	±25%	0.040	2800
FBHA0805S-471-252R	470	±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:



Soldering Reflow:



Preheat condition: 150 ~ 200°C / 60~120 sec.

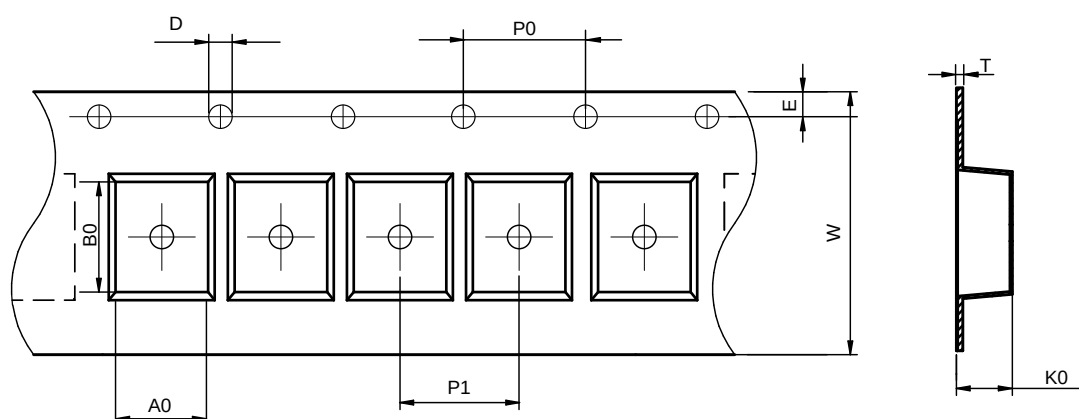
Allowed time above 217°C: 60~150 sec.

Max temperature: 260°C.

Allowed Reflow time: 3x max.

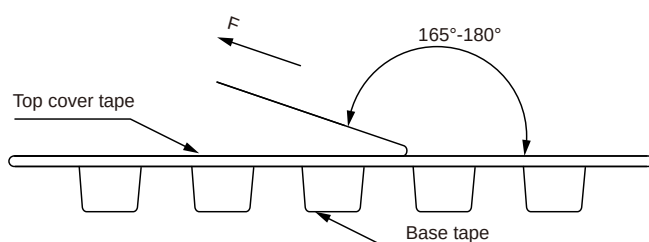
Packaging Information:

Tape Dimension:



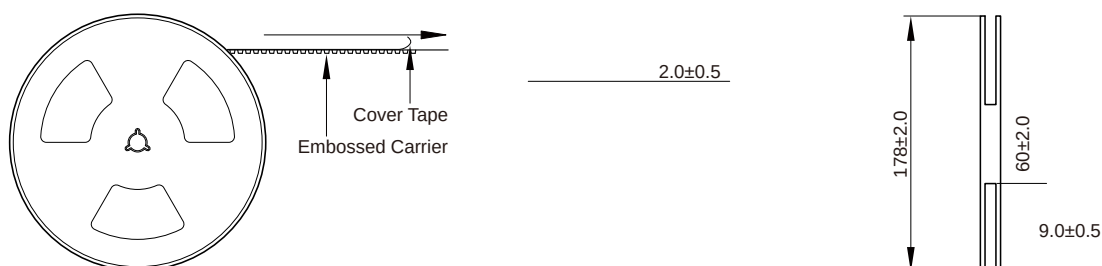
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
FBHA0805S	1.30±0.05	2.10±0.05	1.5±0.1	4.0±0.1	4.0±0.1	8.0±0.3	0.95±0.05	1.75±0.1	0.95±0.05

Peel force of top cover tape:



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

Reel Dimension: [mm]



Cautions and Warnings:

Storage Conditions:

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions (temperature: -5 to 35°C, humidity: 75% RH Max). If the storage period elapses, the soldering of the

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Operation Instructions:

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