

## FEATURES

The SMB chips are our high performance wound chip beads. SMB chips are constructed with a wire wound structure and has a higher current capacity than multilayer chip beads. Mag. Layers' SMB chips have the high quality characteristics suitable for your design needs.

### High Current Handling

SMB chips are able to withstand currents up to 6A DC.

### Low DC Resistance

SMB chip beads have low DC resistance.

### Multiple Size Availability

SMB chip beads are available in three sizes: 403025 and 853025.

## APPLICATIONS

SMB chip beads can be used in a variety of electronics including:

- Computers
- Computer Peripherals
- OA products
- VCRs
- Cordless Telephones

## PRODUCT IDENTIFICATION

①                      ②                      ③  
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 SMB - 403025 - □□

- ① Product Code
- ② Dimensions
- ③ Pattern Code

## PRODUCT DIMENSIONS

The diagram shows three views of the chip beads. The top-left view shows the top profile with dimensions A (total length), B (height), and D (distance between mounting pads). The top-right view shows the side profile with dimensions C (height) and E (width of the mounting pad). The bottom view shows the bottom profile with dimensions B (height) and D (distance between mounting pads).

Dimension in mm

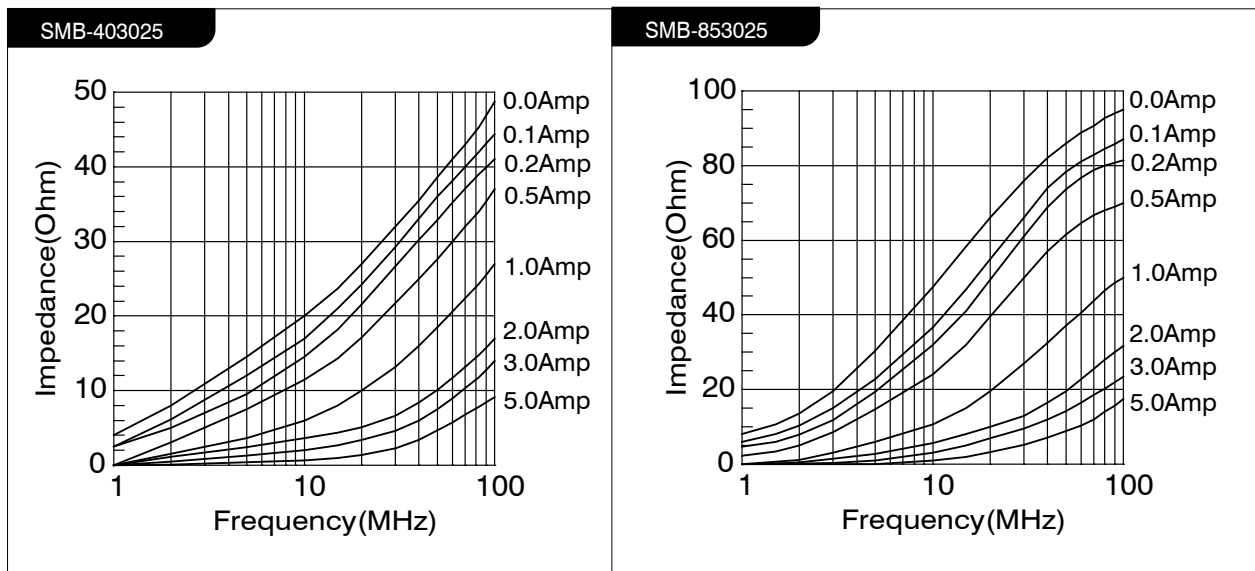
	SMB-403025	SMB-853025
A	4.00 ± 0.20	8.5 ± 0.30
B	3.10 ± 0.15	3.1 ± 0.15
C	2.54 ± 0.15	2.54 ± 0.15
D	1.50 ± 0.50	1.50 ± 0.50
E	1.25	1.25

Wire Wound SMD Type

■ PRODUCT SPECIFICATIONS

PART NUMBER	IMPEDANCE ( $\Omega$ ) at 25 MHz	IMPEDANCE ( $\Omega$ ) at 100 MHz	R <sub>DC</sub> (m $\Omega$ ) Max.
SMB-403025	30 $\pm$ 25%	47 $\pm$ 25%	0.6
SMB-853025	60 $\pm$ 25%	90 $\pm$ 25%	0.9

■ TYPICAL ELECTRICAL CHARACTERISTIC CURVES



Wire Wound SMD Type