

Wound Chip Inductors SB Series

Features

- Use flat wire in it and could endure higher current (5 Amps). It is mounted in the boards with surface mounting equipment.

Applications

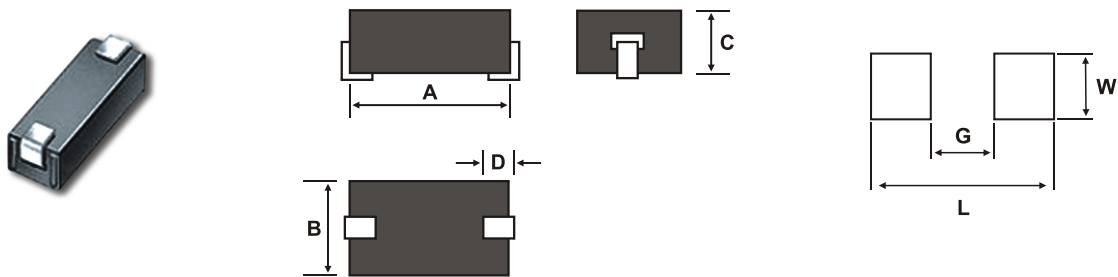
- Computer products. (Motherboard, Hard Disk, TV card, Etc.)
- Communication products. (Cordless Phone, Etc.)
- Modem, OA products, power supplier, Etc.
- Countermeasures for complying with CE, FCC VDE or VCCI radiated emissions.

Product Identificationses

SB □□□□□□
(1) (2)

- (1) Product Symbol: Wound Chip Inductors
- (2) Dimensions: Length (A) x Width (B) x Thickness (C)

Shapes and Dimensions



Dimensions in mm

TYPE	A	B	C	D	L	W	G
302520	3.0±0.10	2.5±0.10	2.00±0.10	1.15±0.15	5.00	1.80	1.00
403025	4.0±0.15	3.1±0.10	2.60±0.10	1.35±0.20	7.00	1.80	2.00
853025	8.5±0.15	3.1±0.10	2.60±0.10	2.00±0.20	10.50	1.80	4.50

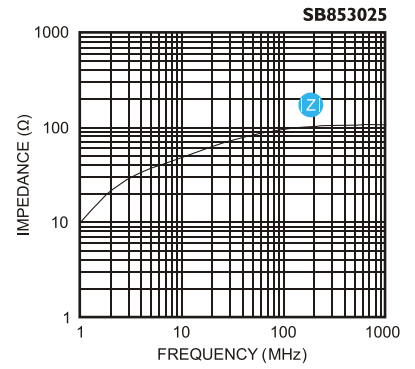
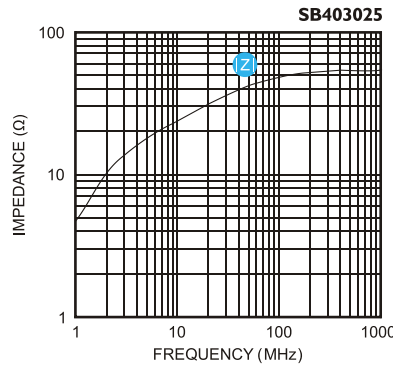
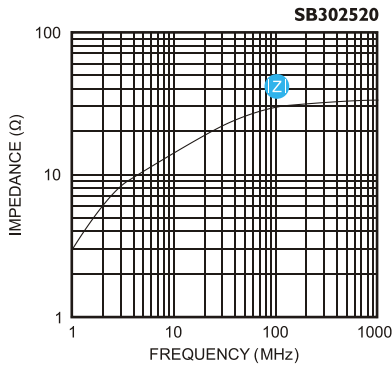
Electrical Characteristics

Part Number	Impedance (Ω) At 25MHz	Impedance (Ω) At 100MHz	DC Resistance (mΩ)
SB 302520	20 ±20%	30 ±20%	
SB 403025	30 ±20%	47 ±20%	0.6 MAX.
SB 853025	60 ±20%	90 ±20%	0.9 MAX.

Wound Chip Inductors

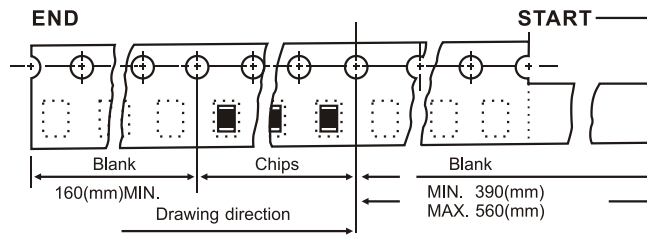
SB Series

Electrical Charts



Packaging

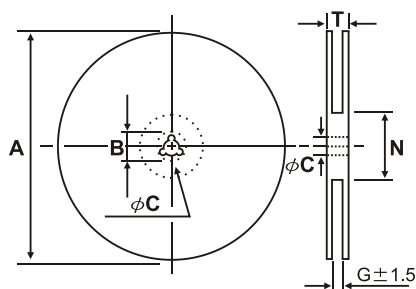
- Carrier tape material: Plastic



Material: Plastic (Dimensions in mm)						
TYPE	A	B	W	P	T	CHIPS / REEL
302520	2.96	3.60	8	4	0.25	1000
403025	3.35	4.75	12	8	0.29	500
853025	3.35	9.30	16	8	0.27	500

- Reel dimensions

Material: Plastic



Dimensions in mm

TYPE	302520	403025	853025
A	178±2	178±2	178±2
B	21.0±0.8	21.0±0.8	21.0±0.8
C	13.5±0.8	13.5±0.8	13.5±0.8
G	8	12	16
N	60	60	60