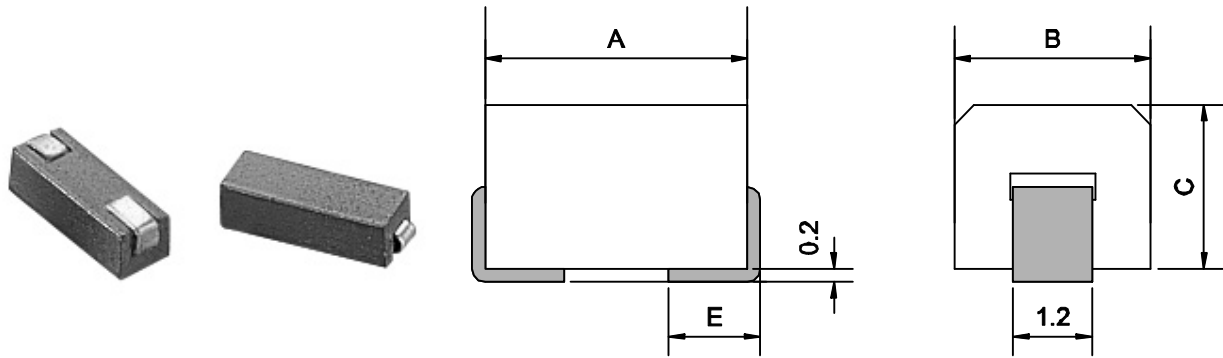


Shape and Size : (Dimension are in mm)


ITEM.	A	B	C	E	H	I	J
302540	4.0	3.0	2.55	1.3	2.5	1.5	2.0
302585	8.5	3.0	2.55	2.0	2.5	2.5	5.0

Features :

- Cost effective EMI filtering for today's densely packed single and double sided surface PCB designs .

Ordering information :
SMB - 302540 - H5B

(1) (2) (3)

(1) Type : Surface Mount Beads .

(2) Style : W=3.0mm, Ht=2.5mm, L=4.0mm

(3)Material : For H5B.

Characteristics :

- Impedance range : 20 to 100 ohms @100MHz
- Frequency range : 1 MHz to 300MHz .
- Current rating: 5.0 Amps max .
- Operating temperature : -20 °C to 80 °C .
- Test equipment :
- Hp 4191A RF Impedance analyzer.

Impedance (reference) :

	Z @25MHz	Z @100MHz	DCR
SMB302540	25Ω	38Ω	0.6mΩ
SMB302585	50Ω	76Ω	0.9mΩ

Applications :

- Filtering of power input pins of oscillators or logic devices using high speed clocks .
- Preventing oscillations in high frequency amplifiers.

