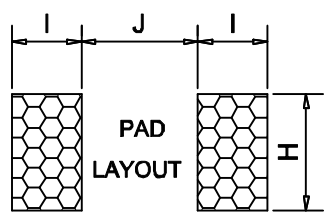
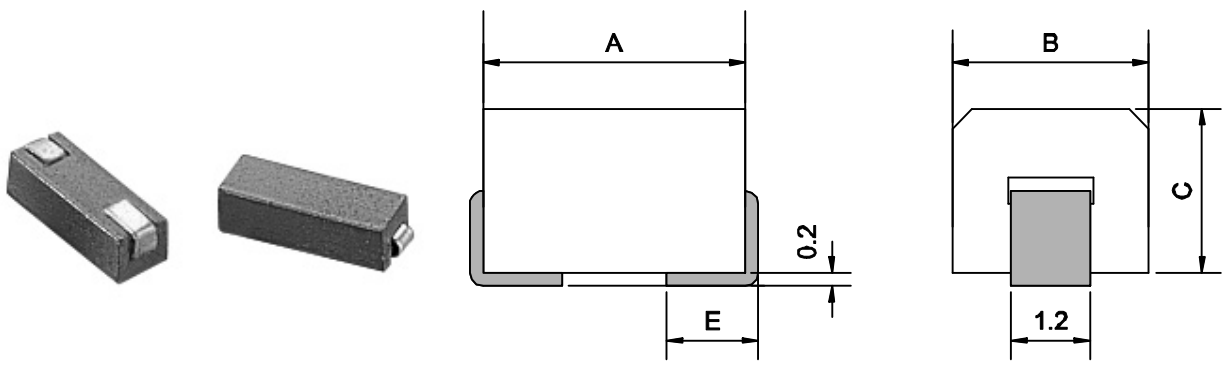


**Shape and Size : (Dimension are in mm )**



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 - 3 0 2 5 4 0 - H 5 B**

(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 105 °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.

