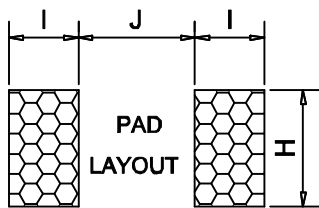
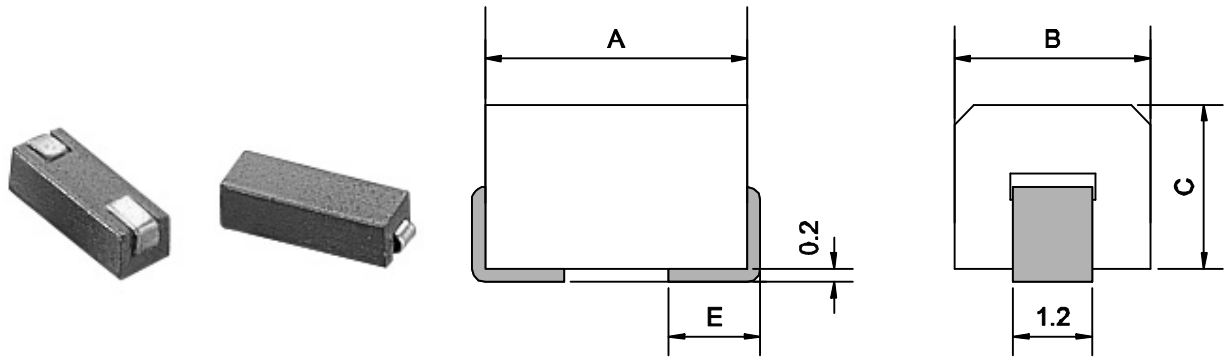


Shape and Size : (Dimension are in mm)



| 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.

