

# SMD EMI SUPPRESSION 5-HOLE FERRITE BEAD

## SMB5H SERIES



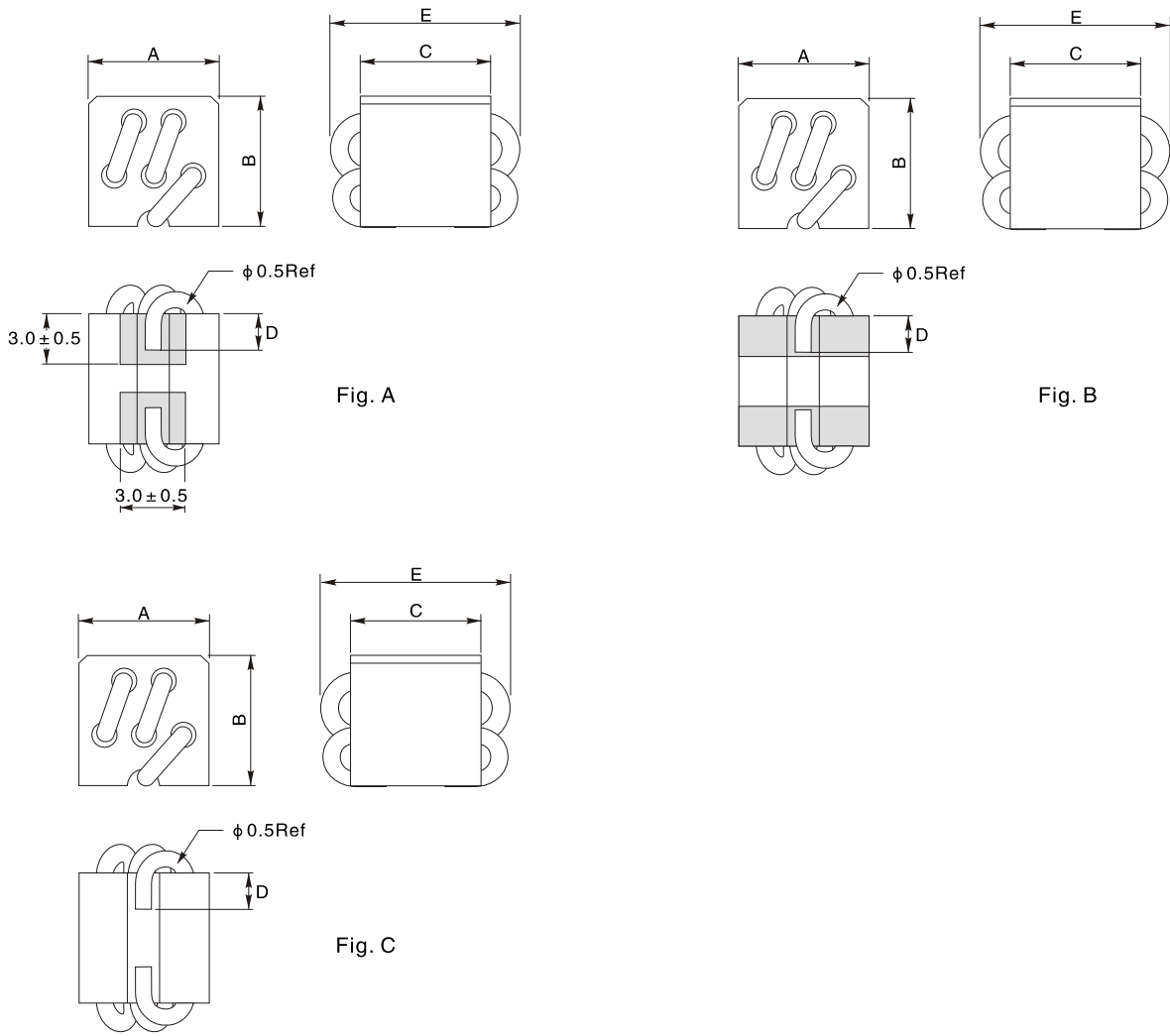
### FEATURES:

- High Current rating
- Low DCR and high IDC beads inductor
- Compact and simple design with high reliability
- Very good SMD solution for traditional wide band choke
- Through-hole axial ferrite beads for EMI suppression
- Surface-mount wire wound beads with high frequency and EMI suppression

### APPLCATIONS:

- Modems, PDP, LCD, and TVs converters
- Mobile radios, DC/DC converters
- Noise filtering devices
- Track and SCR control circuits
- Wireless communication equipments
- Computer disk drive and PC board to filter the EMI from outside sources such as car radios, mobile phones and VCRs

## DIMENSIONS:(mm)



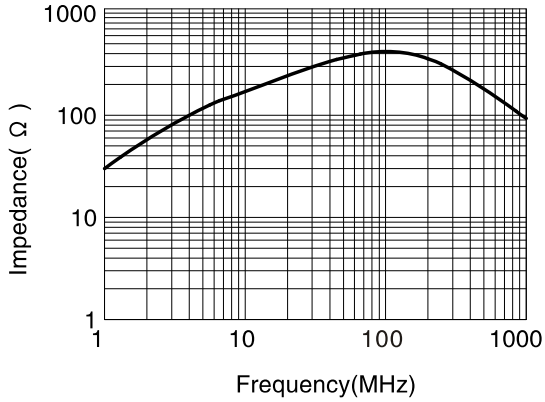
Part No.	A	B	C	D	E	Winding	Fig.
SMB5H0505C-2.5Ts	5.0 ± 0.25	5.0max	5.5 ± 0.3	2.0min	8.0max	φ 0.5mm*2.5Ts	C
SMB5H0505B-2.5Ts	5.0 ± 0.5	4.6 ± 0.5	5.5 ± 0.5	2.0max	8.0max	φ 0.5mm*2.5Ts	B
SMB5H0508C-2.5Ts	5.0 ± 0.25	5.0max	8.5 ± 0.3	3.5max	11.0max	φ 0.5mm*2.5Ts	C
SMB5H0508B-2.5Ts	5.0 ± 0.5	4.65 ± 0.5	8.5 ± 0.5	2.0 ± 0.5	11.0max	φ 0.5mm*2.5Ts	B
SMB5H0508A-2.5Ts	5.0 ± 0.5	4.65 ± 0.5	8.5 ± 0.5	2.0min	11.0max	φ 0.5mm*2.5Ts	A

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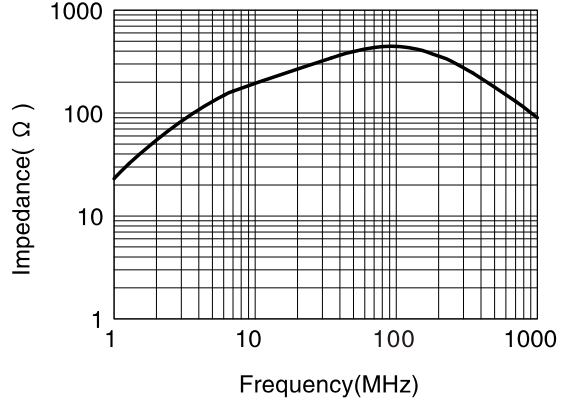
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### IMPEDANCE VS FREQUENCY CURVE

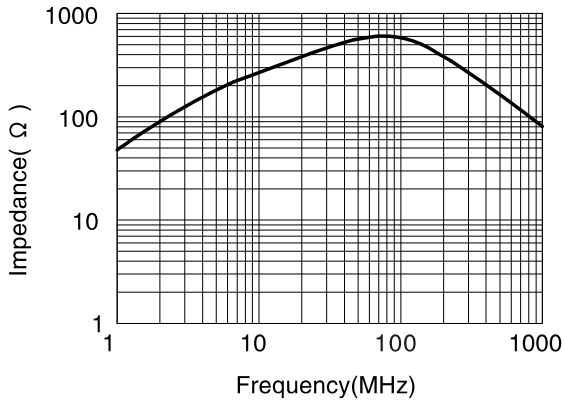
SMB5H0505C-2.5Ts



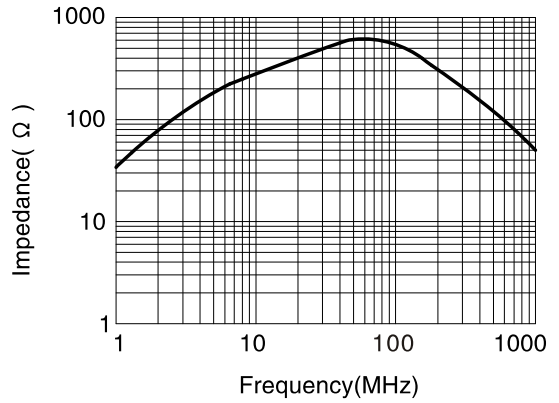
SMB5H0505B-2.5Ts



SMB5H0508C-2.5Ts



SMB5H0508B-2.5Ts



SMB5H0508A-2.5Ts

