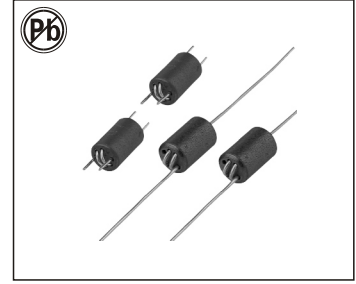


# THROUGH-HOLE AXIAL WIDE BAND CHOKES R6H SERIES (01,02,03,04,05,06,07)



### FEATURES:

- Regged construction
- Counter measures for FCC,VDE
- CSA,CE,VCC1
- EMI/RFI suppression
- High reliability
- Long term stability

### COMMON APPLICATIONS:

- Telecommunication Equipment
- Wireless Communications Equipment
- Computer Products
- General Electronic Applications where EMI/RFI suppression is required

## ELECTRICAL CHARACTERISTICS:

Part Number	Number of Turns	Impedance @25MHz	Impedance @100MHz
R6H-01	1.5	300	500
R6H-02	2.0	400	600
R6H-03	2.5	600	800
R6H-04	2.5	500	600
R6H-05	3.0	800	900
R6H-06	3.0	700	600
R6H-07	1.5 × 2	300	500

## TECHNICAL INFORMATION: PHYSICAL CHARACTERISTICS:

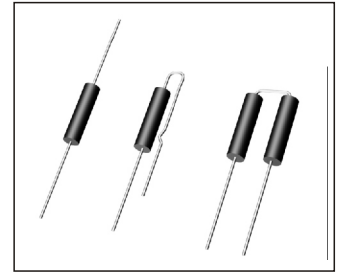
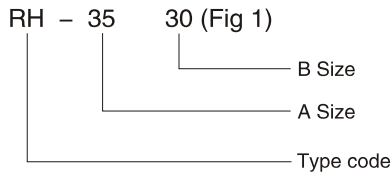
CORE	1.5Ts	2Ts	2.5Ts	3Ts	2 × 1.5Ts

Ferrite core TYPE	A	B	C	D
R6H 6 × 10	6.0 ± 0.25	10.0 ± 0.30	0.75 ± 0.15	3.5 ref

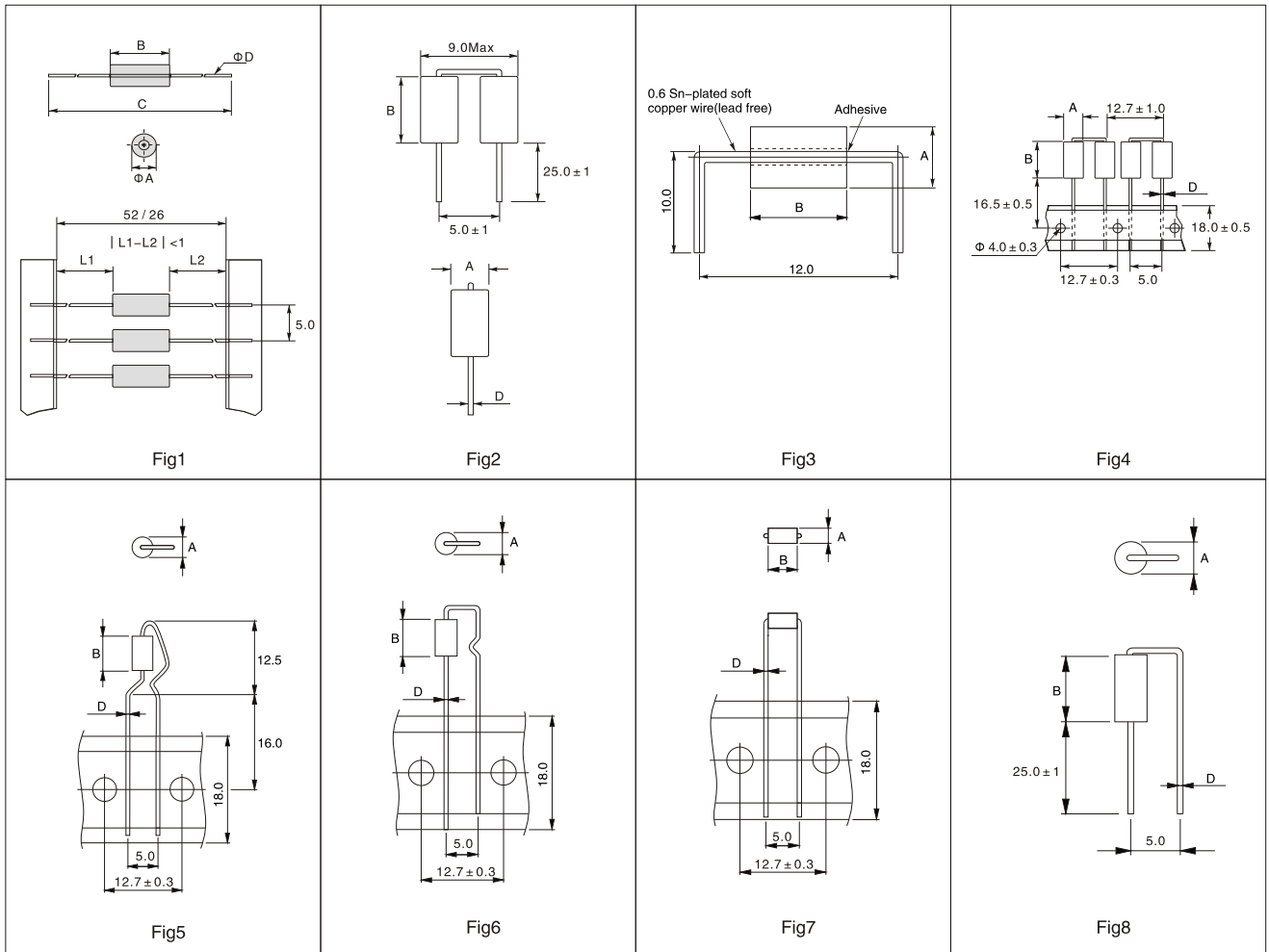
• Testing:(Equivalent acceptable)  
HP4191A Impedance Analyzer

# BEAD CORES,RADIAL TAPPING & BULK TYPE(RH)

Ordering code



## CONFIGURATIONS(mm)



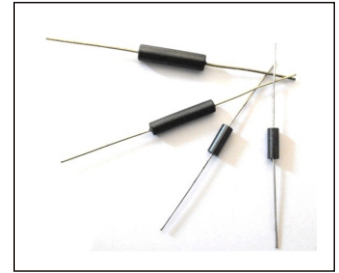
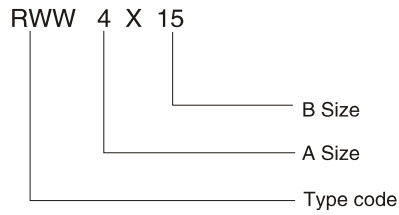
## DIMENSION OF MAIN PRODUCTIONS & IMPEDANCE@25°C

Part Number	A	B	C	D	Impedance @25MHz ( $\Omega$ )Min	Impedance @100MHz ( $\Omega$ )Min
RH-3530	$3.5 \pm 0.2$	$3.0 \pm 0.3$	$62 \pm 2.0$	0.6	25	40
RH-3545	$3.5 \pm 0.2$	$4.5 \pm 0.3$	$62 \pm 2.0$	0.6	30	60
RH-3547	$3.5 \pm 0.2$	$4.7 \pm 0.3$	$62 \pm 2.0$	0.6	35	60
RH-3560	$3.5 \pm 0.2$	$6.0 \pm 0.3$	$62 \pm 2.0$	0.6	50	75
RH-3575	$3.5 \pm 0.2$	$7.5 \pm 0.3$	$62 \pm 2.0$	0.6	60	90
RH-3580	$3.5 \pm 0.2$	$8.0 \pm 0.3$	$62 \pm 2.0$	0.6	60	100
RH-3590	$3.5 \pm 0.2$	$9.0 \pm 0.3$	$62 \pm 2.0$	0.6	80	120
RH-3512	$3.5 \pm 0.2$	$12 \pm 0.3$	$62 \pm 2.0$	0.6	30	130
RH-3514	$3.5 \pm 0.2$	$14 \pm 0.3$	$62 \pm 2.0$	0.6	50	150

Remarks: Other sizes are available upon request if your needs not listed in the catalog

## COILFORM(SLUG CORE WITH LEADS) (RWW)

Ordering code



### CONFIGURATIONS(mm)






### DIMENSION OF MAIN PRODUCTIONS & IMPEDANCE@25°C

Part No.	A	B
RWW1.6X2.0	1.6±0.1	2.0±0.3
RWW2.3X4	2.3±0.1	4.0±0.3
RWW2.8X10	2.8±0.1	10.0±0.3
RWW3X6.0	3.0±0.15	6.0±0.3
RWW3X10	3.0±0.15	10.0±0.3
RWW3.5X10	3.5±0.15	10.0±0.3
RWW4X10	4.0±0.15	10.00±0.3
RWW4X15	4.0±0.15	15.0±0.4
RWW5X15	5.0±0.2	15.0±0.5
RWW5X19.5	5.0±0.2	19.5±0.6
RWW6X20	6.0±0.2	20.0±0.6
RWW6X25	6.0±0.2	25.0±0.8
RWW6X30	6.0±0.2	30.0±0.8
RWW6.35X31.75	6.35±0.2	31.75±1
RWW8X30	8.0±0.3	30.0±0.8

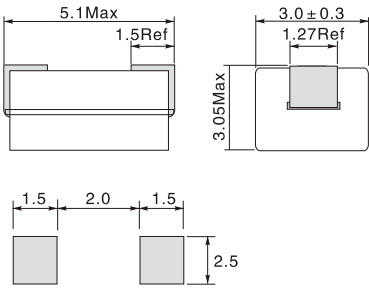
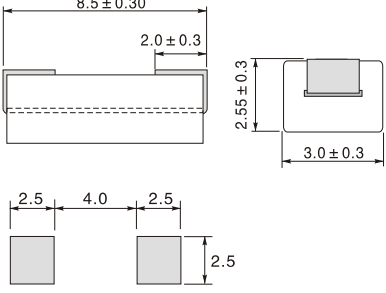
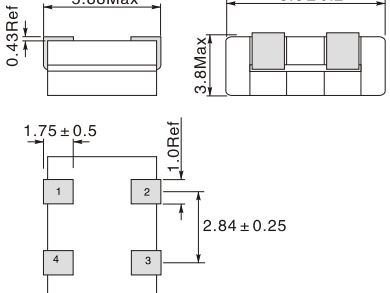
Remarks: Other sizes are available upon request if your needs not listed in the catalog

# HIGH CURRENT FERRITE BEADS FOR EMI SUPPRESSION ( SMB SERIES )

Type

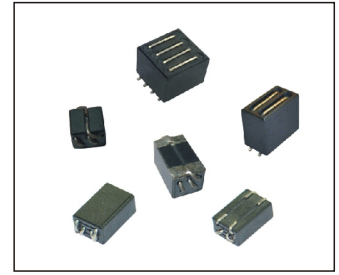
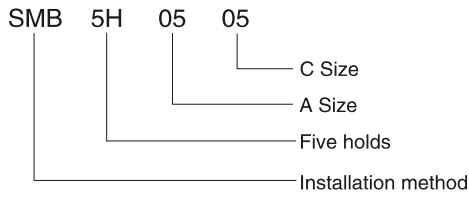
Type	 SMB403025-45	Type	 SMB853025-75	Type	 SMB564725-25
Z@25MHz	30 Ω Min	Z@25MHz	50 Ω Min	Z@25MHz	15 Ω Min
Z@100MHz	49 Ω Min	Z@100MHz	76 Ω Min	Z@100MHz	25 Ω Min
Rated current	9A max.	Rated current	5A max.	Rated current	15A max.

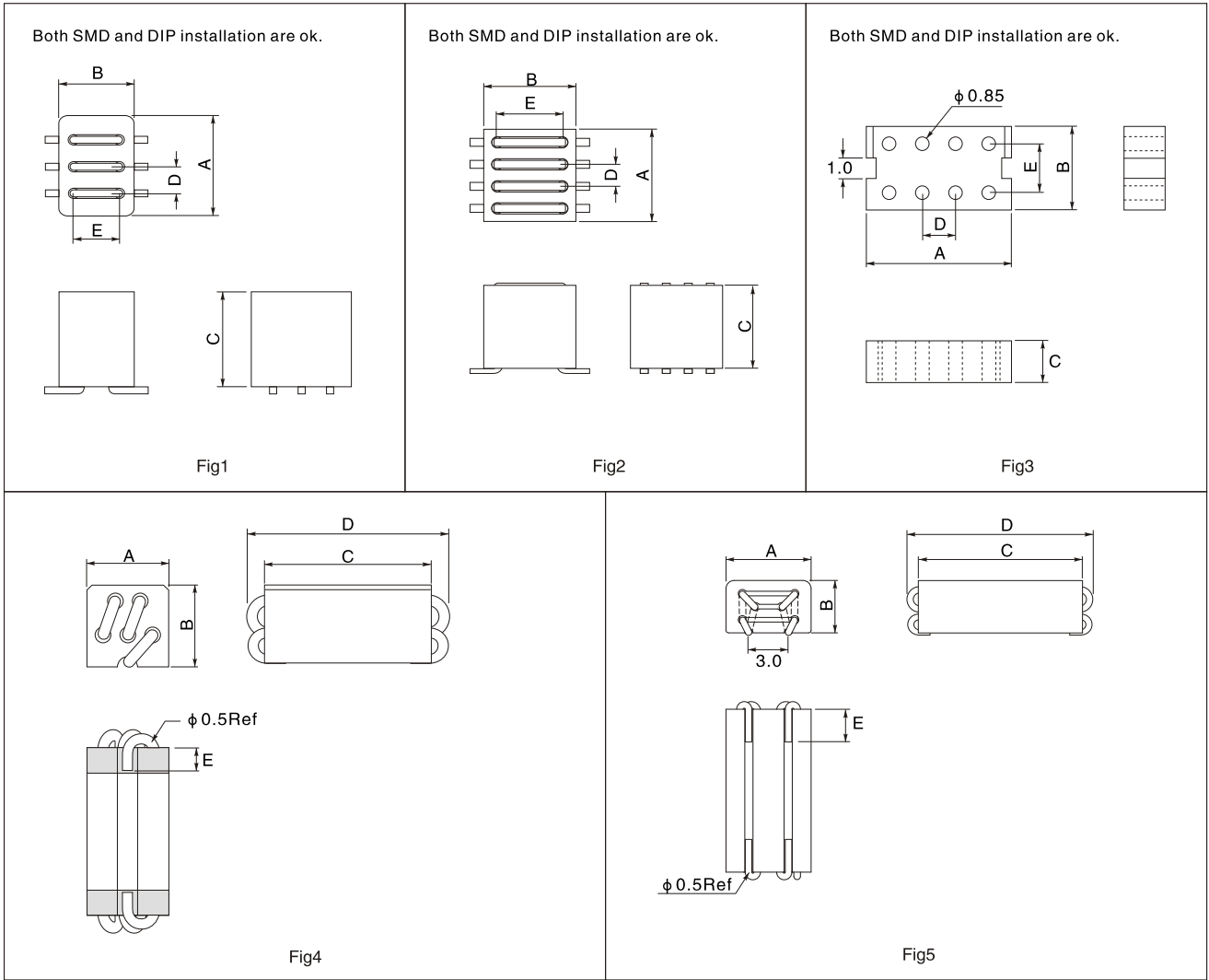
		
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# MULTILINE SUPPRESSOR BEADS( \_ H)

Ordering code



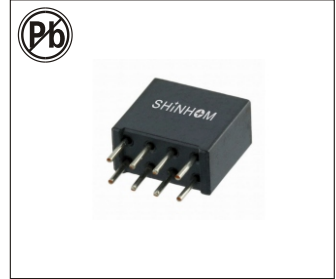
## CONFIGURATIONS(mm)



## DIMENSION OF MAIN PRODUCTIONS & IMPEDANCE@25°C

Part No.	Fig.	A	B	C	D	E	IMPEDANCE	
							25MHz(Ω)	100MHz(Ω)
SMB3H0607	5	6.5±0.25	4.0±0.25	7.0±0.3	10.0±0.3	2.5±0.5	75	141
SMB3H0610	5	6.5±0.25	4.0±0.25	10.0±0.3	13.0±0.3	3.25±0.75	109	213
SMB(DIP)6H0710	1	7.6±0.25	5.0±0.2	10.0±0.25	2.54±0.1	2.54±0.1	216	253
SMB(DIP)8H1002	3	10.2±0.3	6.0±0.2	2.6±0.15	2.54±0.1	2.54±0.1	48	73
SMB(DIP)8H1110	2	11.2±0.3	11.2±0.3	10.2±0.25	2.54±0.1	7.62±0.1	239	337
SMB5H0508	4	5.0±0.25	5.0±0.25	8.5±0.3	11.0±0.3	2.0±0.5	435	580

# SMD POWER BEAD SMB4B SERIES



## FEATURES:

- Small size, high current, high performance.
- Low DCR, excellent EMI suppression capability.
- Suitable for surface mounting equipment.

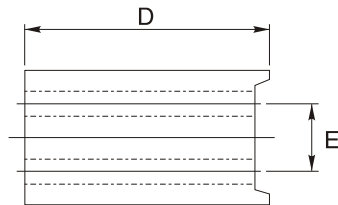
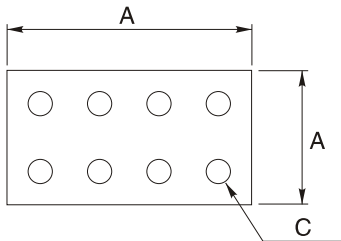
## COMMON APPLICATIONS:

- VTR, digital set-top box, LCD Monitor
- DC/DC converters, xDSL
- Wireless communication equipment

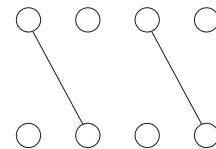
## ELECTRICAL CHARACTERISTICS: 25°C

Part Number	Impedance 25MHz (Min)	Impedance 100MHz (Min)
SMB4B1155-141	140	255
SMB4B1111H-201	200	240
SMB4B1111H-2T-451	450	550
SMB4B1111H-3T-801	800	850
SMB4B1111L-121	125	210
SMB4B1111L-2T-281	280	450
SMB4B1111L-3T-551	550	800

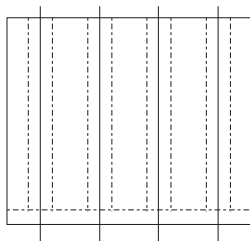
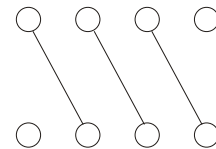
## PHYSICAL CHARACTERISTICS & TYPE



TYPE: SMB4B-2T



TYPE: SMB4B-3T



Part No.	A	B	C	D	E
SMB4B1155	11 ± 0.3	5.5 ± 0.25	0.65REF	10.5 ± 0.3	2.54REF
SMB4B1111H	11 ± 0.15	11 ± 0.2	0.7REF	10.5 ± 0.3	2.54REF
SMB4B1111L	11 ± 0.15	11 ± 0.2	0.7REF	6.5 ± 0.3	2.54REF

Note:

1. The parameters of list are typical, atypical parameters can be customized according to customer's requirements.
2. Operating temperature: -40°C to 105°C

# SMD EMI SUPPRESSION 5-HOLE FERRITE BEAD

## SMB5H SERIES



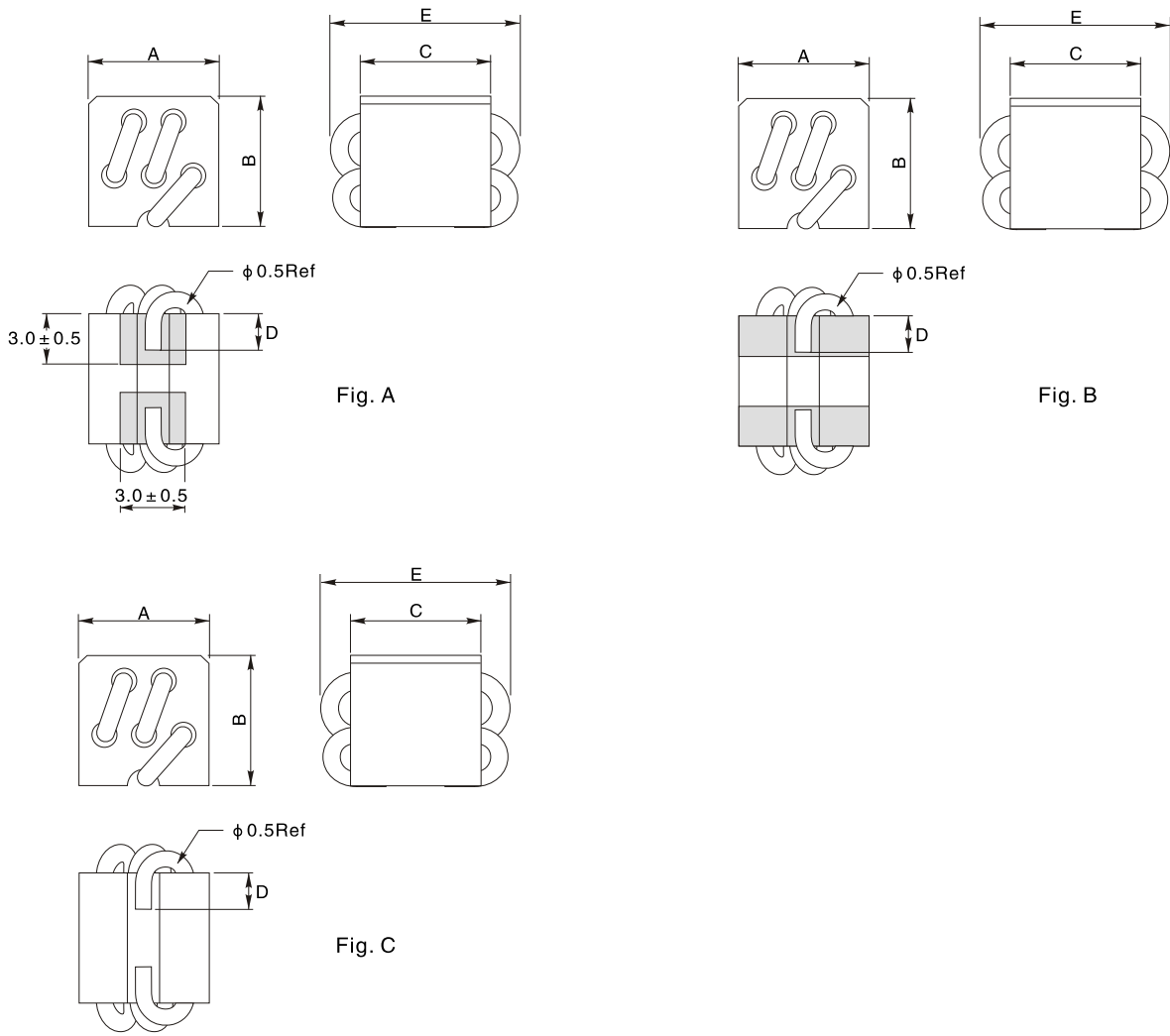
### FEATURES:

- 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)



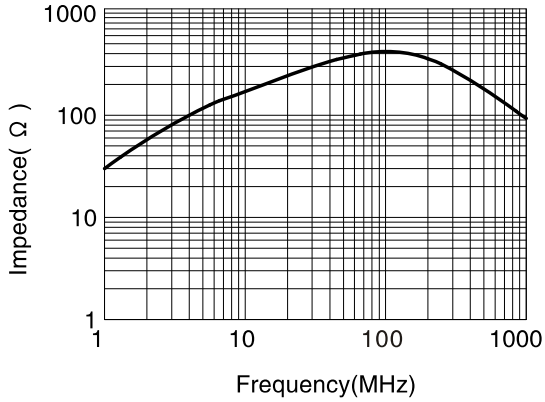
Part No.	A	B	C	D	E	Winding	Fig.
SMB5H0505C-2.5Ts	5.0 ± 0.25	5.0max	5.5 ± 0.3	2.0min	8.0max	φ 0.5mm*2.5Ts	C
SMB5H0505B-2.5Ts	5.0 ± 0.5	4.6 ± 0.5	5.5 ± 0.5	2.0max	8.0max	φ 0.5mm*2.5Ts	B
SMB5H0508C-2.5Ts	5.0 ± 0.25	5.0max	8.5 ± 0.3	3.5max	11.0max	φ 0.5mm*2.5Ts	C
SMB5H0508B-2.5Ts	5.0 ± 0.5	4.65 ± 0.5	8.5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

# SMD EMI SUPPRESSION 5-HOLE FERRITE BEAD

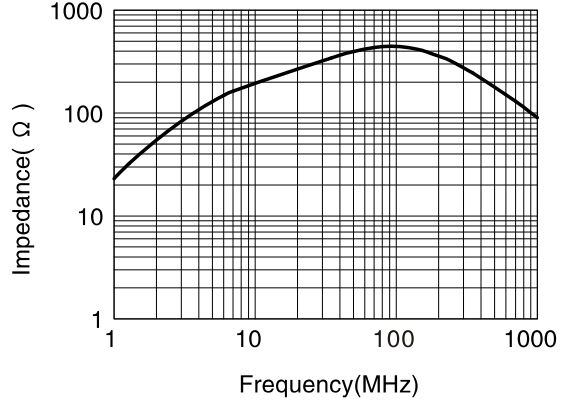
## SMB5H SERIES

### IMPEDANCE VS FREQUENCY CURVE

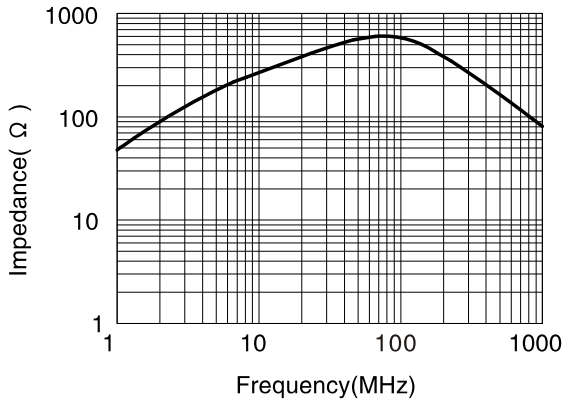
SMB5H0505C-2.5Ts



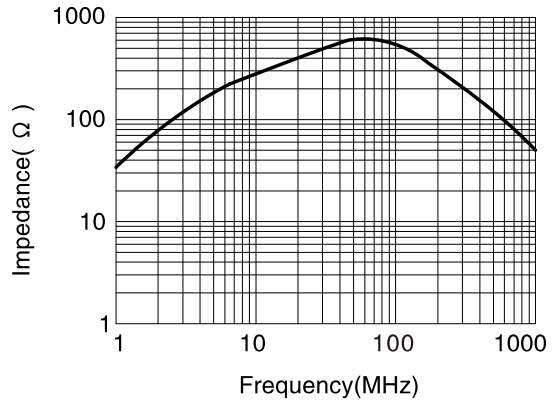
SMB5H0505B-2.5Ts



SMB5H0508C-2.5Ts



SMB5H0508B-2.5Ts



SMB5H0508A-2.5Ts

