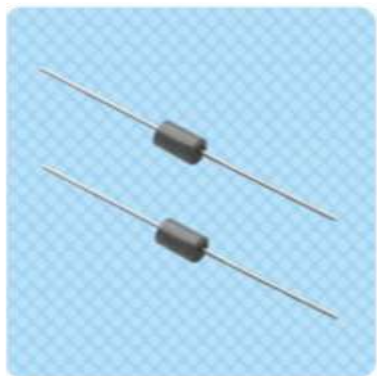


RH Series Leaded Ferrite Beads



FEATURES

- These filters can be mounted directly onto the leads of components utilizing no additional space.
- These filters suppress voltage & current spikes within the circuits and provide protection to semiconductor devices.

APPLICATIONS

- Prevention of high frequency EMI from Video and acoustic communication units as well as other electronic devices.

SHAPE AND DIMENSIONS

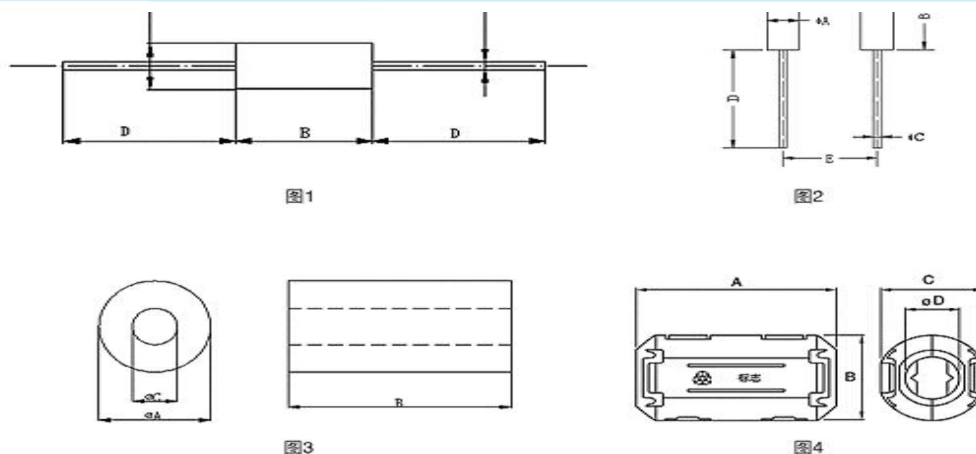


Fig 1

Part Number	Dimensions (mm)			
	ΦA	B	ΦC	D
RH2.5X3.0X1.0	2.5 ± 0.8	3.0 ± 0.3	0.65 ± 0.10	25 ± 5
RH3.5X3.0X0.8	3.5 ± 0.2	3.0 ± 0.3	0.65 ± 0.10	25 ± 5
RH3.5X3.0X1.0	3.5 ± 0.2	3.0 ± 0.3	0.65 ± 0.10	25 ± 5
RH3.5X3.0X1.3	3.5 ± 0.2	3.0 ± 0.3	0.85 ± 0.10	25 ± 5
RH3.5X4.7X0.8	3.5 ± 0.2	4.7 ± 0.3	0.65 ± 0.10	25 ± 5



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RH3.5X6.0X0.8	3.5 ± 0.2	6.0 ± 0.3	0.65 ± 0.10	25 ± 5
RH3.5X6.0X1.3	3.5 ± 0.2	6.0 ± 0.3	0.85 ± 0.15	25 ± 5
RH3.5X8.3X0.8	3.5 ± 0.2	8.3 ± 0.3	0.65 ± 0.15	25 ± 5
RH3.5X9.0X0.8	3.5 ± 0.2	9.0 ± 0.3	0.65 ± 0.15	25 ± 5

Fig 2

Part Number	Dimensions (mm)					
	ΦA	B	ΦC	D	E	Fmax
RH2.5X3.0X1.0X2	2.5 ± 0.8	3.0 ± 0.3	0.65 ± 0.10	25 ± 5	5 ± 0.5	1
RH3.5X3.0X0.8X2	3.5 ± 0.2	3.0 ± 0.3	0.65 ± 0.10	12 ± 5	5 ± 0.5	1
RH3.5X3.0X1.3X2	3.5 ± 0.2	3.0 ± 0.3	0.85 ± 0.10	25 ± 5	5 ± 0.5	1
RH3.5X4.7X0.8X2	3.5 ± 0.2	4.7 ± 0.3	0.65 ± 0.10	25 ± 5	5 ± 0.5	1
RH3.5X6.0X0.8X2	3.5 ± 0.2	6.0 ± 0.3	0.65 ± 0.10	25 ± 5	5 ± 0.5	1
RH3.5X6.0X1.3X2	3.5 ± 0.2	6.0 ± 0.3	0.85 ± 0.10	25 ± 5	5 ± 0.5	1
RH3.5X8.0X0.8X2	3.5 ± 0.2	8.0 ± 0.3	0.65 ± 0.10	25 ± 5	5 ± 0.5	1
RH3.5X8.3X0.8X2	3.5 ± 0.2	8.3 ± 0.3	0.65 ± 0.10	25 ± 5	5 ± 0.5	1

Fig 3

Part Number	Dimensions (mm)		
	ΦA	B	ΦC
RH1.3X1.5X0.85C	1.3 ± 0.2	1.5 ± 0.2	0.65 ± 0.10
RH1.5X5.0X0.9C	1.5 ± 0.3	5.0 ± 0.3	0.9 ± 0.3
RH2.5X3.0X1.0C	2.5 ± 0.3	3.0 ± 0.3	1.0 ± 0.3
RH3.5X3.0X1.3C	3.5 ± 0.3	3.0 ± 0.3	1.3 ± 0.5
RH12X5X9C	12 ± 1.0	9.0 ± 1.0	5.0 ± 1.0
RH14.2X28.5X6.35C	14.2 ± 0.3	28.5 ± 0.5	6.35 ± 0.3
RH17.5X28.5X9.5C	17.5 ± 0.5	28.5 ± 0.5	9.5 ± 0.3
RH25X15X10C	25 ± 1.0	10.0 ± 1.0	15.0 ± 1.0
RH25X25X12.8C	25 ± 1.0	25.0 ± 1.0	12.8 ± 1.0
RH28.5X28.5X13.8C	28.5 ± 1.0	28.5 ± 1.0	23.8 ± 1.0

Fig 4

Part Number	Dimensions (mm)			
	A	B	C	D
RH23X36X12C	36.5 ± 1.0	23.5 ± 1.0	22.4 ± 1.0	13.5 ± 1.0
RH29X34X14C	34.0 ± 1.0	29.5 ± 1.0	29.0 ± 1.0	14.2 ± 1.0

Customer's specification are also welcome



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PRODUCT IDENTIFICATION



- ① Series name
- ② Dimensions $WD \times H \times BD$
- ③ Number of beads
1: one bead; 2 : two beads

SPECIFICATIONS

● RH1005 TYPE

Part Number	Impedance $Z_{min} (\Omega)$	Impedance Test Frequency (MHz)	Max.DC Resistance (Ω)	Max. Rated Current (mA)
RH2.5x3.0x1.0	25	100	15	1
RH3.5x3.0x0.8	25		15	1
RH3.5x3.0x1.0	25		15	1
RH3.5x3.0x1.3	25		10	2
RH3.5x4.7x0.8	30		15	1
RH3.5x6.0x0.8	35		15	1
RH3.5x6.0x1.3	35		10	2
RH3.5x8.3x0.8	50		15	1
RH3.5x9.0x0.8	60		25	1
RH2.5x3.0x1.0x2	50		15	1
RH3.5x3.0x0.8x2	50		15	1
RH3.5x3.0x1.3x2	50		10	2
RH3.5x4.7x0.8x2	60		15	1
RH3.5x6.0x0.8x2	70		15	1
RH3.5x6.0x1.3x2	70		10	2
RH3.5x8.0x0.8x2	100		15	1
RH3.5x8.3x0.8x2	100		15	1
RH1.3x1.5x0.65C	8			
RH1.5x5.0x0.9C	15			
RH2.5x3.0x1.0C	20			

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Part Number	Impedance Zmin (Ω)	Impedance Test Frequency (MHz)	Max.DC Resistance (Ω)	Max. Rated Current (mA)
RH3.5x3.0x1.3C	25	100		
RH12x5x9C	50			
RH14.2x28.5x6.35 C	100			
RH17.5x28.5x9.5C	100			
RH23x36x12C	100			
RH25x15x10C	50			
RH25x25x12.8C	150			
RH28.5x28.5x13.8 C	150			
RH29x34x14C	150			



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