



# Leaded Ferrite Beads–RH Series



## FEATURES

- High current, low DC impedance, high high-frequency impedance.
- Standard size, various lead configuration.
- These Beads can be mounted directly onto the leads of components utilizing no additional space.

## APPLICATIONS

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

## PRODUCT IDENTIFICATION

<b>01</b> RH	<b>02</b> 3.5x 6.0x 0.8	<b>03</b> x 2.0
-----------------	----------------------------	--------------------

01 Type	
RH	Leaded Ferrite Beads

02 External Dimensions (ΦWDxHxBD) (mm)	
2.5x 3.0x 0.8	2.5x 3.0x 0.8
3.5x 6.0x 0.8	2.5x 3.0x 0.8

03 Number of beads	
Example	Number
1	One beads
2	Two beads

## SHAPE AND DIMENSIONS

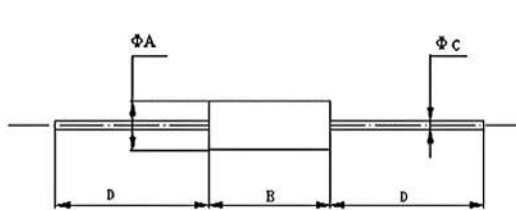


Fig 1

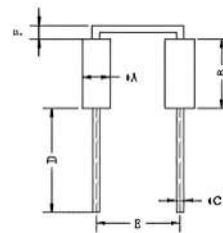


Fig 2

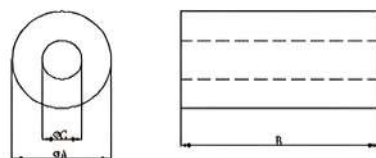


Fig 3

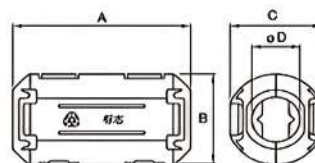


Fig 4

**Note: The products can be customized according to customer requirement**



• 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
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	F(Max)
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

## SPECIFICATIONS

● RH TYPE

Part Number	Impedance Z Min( $\Omega$ )	Impedance Test Frequency (MHz)	DCR Max( $\Omega$ )	Rated Current Max (A)
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		10	1
RH1.5x5.0x0.9C	15		10	1
RH2.5x3.0x1.0C	20		15	1
RH3.5x3.0x1.3C	25		15	1
RH12x5x9C	50		15	2

**Note: The products can be customized according to customer requirement**

