



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

01

ZRH

02

3.5x 6.0x 0.8

03

x 2.0

01

TyPe	
ZRH	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

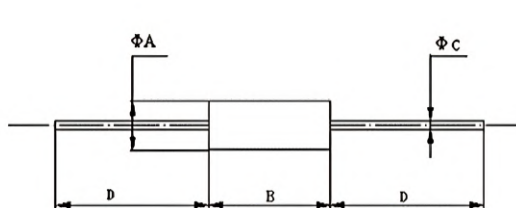


Fig 1

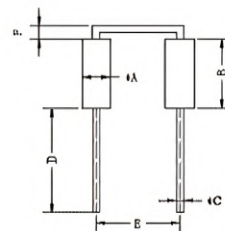


Fig 2

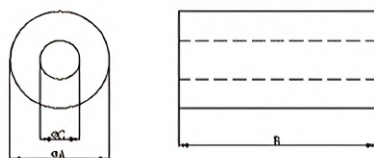


Fig 3

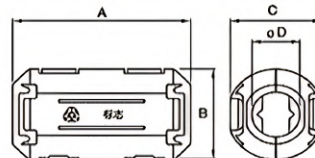


Fig 4

Note: The products can be customized according to customer requirement

● Fig 1

Part Number	Dimensions(mm)			
	ΦA	B	ΦC	D
ZRH2.5X3.0X1.0	2.5±0.8	3.0±0.3	0.65±0.10	25±5
ZRH3.5X3.0X0.8	3.5±0.2	3.0±0.3	0.65±0.10	25±5
ZRH3.5X3.0X1.0	3.5±0.2	3.0±0.3	0.65±0.10	25±5
ZRH3.5X3.0X1.3	3.5±0.2	3.0±0.3	0.85±0.10	25±5
ZRH3.5X4.7X0.8	3.5±0.2	4.7±0.3	0.65±0.10	25±5
ZRH3.5X6.0X0.8	3.5±0.2	6.0±0.3	0.65±0.10	25±5
ZRH3.5X6.0X1.3	3.5±0.2	6.0±0.3	0.85±0.15	25±5
ZRH3.5X8.3X0.8	3.5±0.2	8.3±0.3	0.65±0.15	25±5
ZRH3.5X9.0X0.8	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)
ZRH2.5X3.0X1.0X2	2.5±0.8	3.0±0.3	0.65±0.10	25±5	5±0.5	1
ZRH3.5X3.0X0.8X2	3.5±0.2	3.0±0.3	0.65±0.10	12±5	5±0.5	1
ZRH3.5X3.0X1.3X2	3.5±0.2	3.0±0.3	0.85±0.10	25±5	5±0.5	1
ZRH3.5X4.7X0.8X2	3.5±0.2	4.7±0.3	0.65±0.10	25±5	5±0.5	1
ZRH3.5X6.0X0.8X2	3.5±0.2	6.0±0.3	0.65±0.10	25±5	5±0.5	1
ZRH3.5X6.0X1.3X2	3.5±0.2	6.0±0.3	0.85±0.10	25±5	5±0.5	1
ZRH3.5X8.0X0.8X2	3.5±0.2	8.0±0.3	0.65±0.10	25±5	5±0.5	1
ZRH3.5X8.3X0.8X2	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
ZRH1.3X1.5X0.85C	1.3±0.2	1.5±0.2	0.65±0.10
ZRH1.5X5.0X0.9C	1.5±0.3	5.0±0.3	0.9±0.3
ZRH2.5X3.0X1.0C	2.5±0.3	3.0±0.3	1.0±0.3
ZRH3.5X3.0X1.3C	3.5±0.3	3.0±0.3	1.3±0.5
ZRH12X5X9C	12±1.0	9.0±1.0	5.0±1.0
ZRH14.2X28.5X6.35C	14.2±0.3	28.5±0.5	6.35±0.3
ZRH17.5X28.5X9.5C	17.5±0.5	28.5±0.5	9.5±0.3
ZRH25X15X10C	25±1.0	10.0±1.0	15.0±1.0
ZRH25X25X12.8C	25±1.0	25.0±1.0	12.8±1.0
ZRH28.5X28.5X13.8C	28.5±1.0	28.5±1.0	23.8±1.0

● Fig 4

Part Number	Dimensions(mm)			
	A	B	C	D
ZRH23X36X12C	36.5±1.0	23.5±1.0	22.4±1.0	13.5±1.0
ZRH29X34X14C	34.0±1.0	29.5±1.0	29.0±1.0	14.2±1.0

SPECIFICATIONS

● ZRH TYPE

Part Number	Impedance Z Min(Ω)	Impedance Test Frequency (MHz)	DCR Max(Ω)	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



Specifications subject to change without notice. Please check our website for latest information.
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