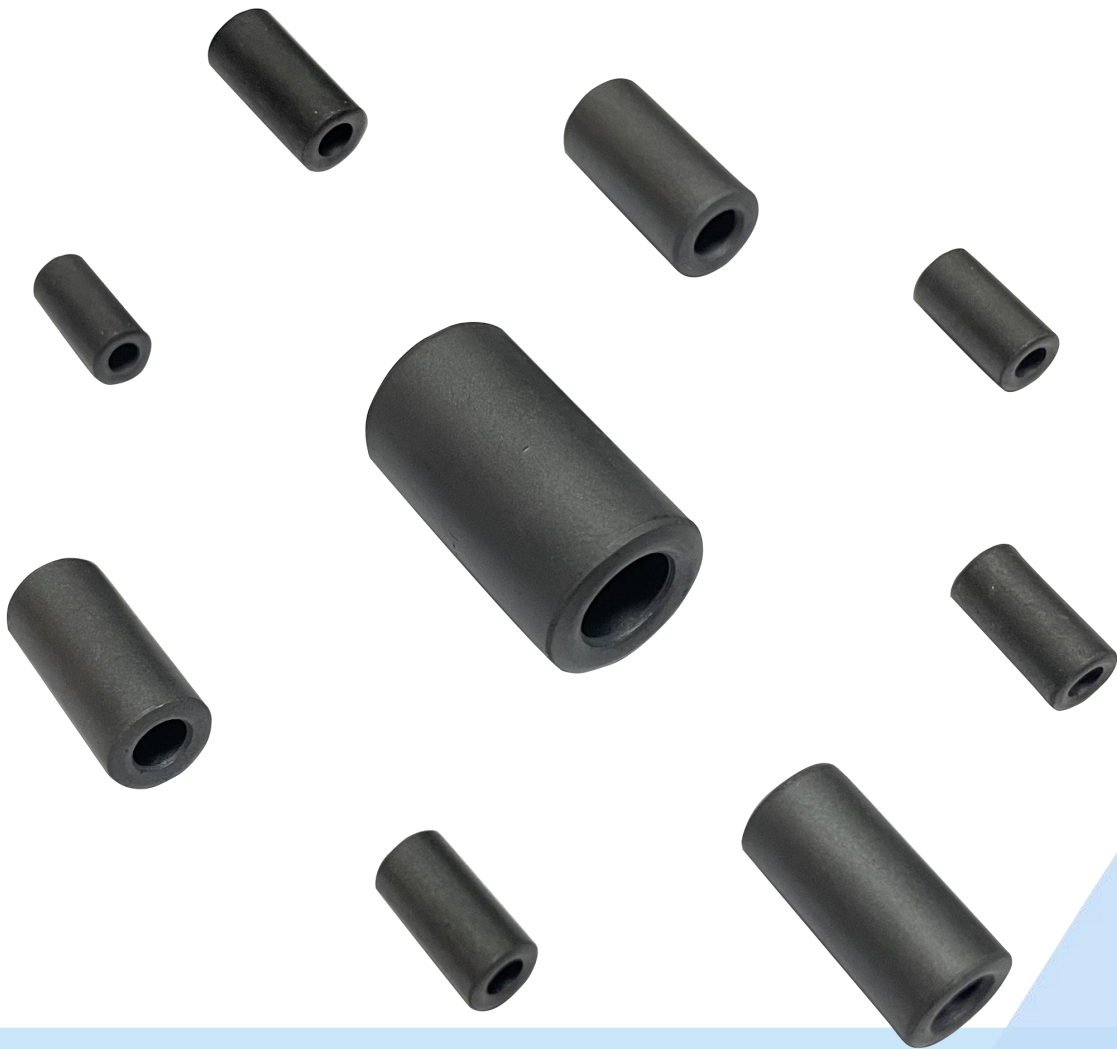


FERRITE CORE FOR EMI SUPPRESSION

Cylindrical series

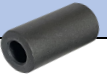


StricTron

Strictron Electronics Limited

S02-AN04-H03

Ferrite core for EMI suppression



General notices

- The described product is designed for general use only, using in safety-critical, high-reliability or particular applications shall be pre-evaluated by customer.
- Strictron products are unilaterally subject to Strictron standards and are also compliant with common industry standards, demand or expectation from customer side is not warranted.
- Independent reliability of the described product is ensured by Strictron, risks or losses arising during or after particularly or unnormally applying the product, as well as arising from the finished module or product installed the described products, are always beyond the responsibility of Strictron.
- Please conduct validation and verification in actual condition of mounting and operating environment before widely use the described product in mass production.

Product introduction

Ferrite core mainly includes nickel zinc ferrite core and manganese zinc ferrite core. Nickel zinc ferrite core is suitable for suppressing electromagnetic interference in high frequency band. It has different impedance characteristics at different frequencies. Generally, the impedance is very small at low frequency points. When the frequency increases, the impedance of the it goes up sharply.

Ferrite core model slection:

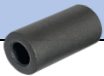
For ferrite core made from same material, at same frequency condition, the larger difference between inner and outer diameter is, and the longer the ferrite core body is, the higher impedance of the ferrite core is.

To make full use of the ferrite core performance, try to choose close inner diameter as per the conduct wire diameter so that the core can tightly wrap the wire, and to choose longer ferrite core body height to get better filtering effect.

Main strengths of ferrite core:

- It's convenient that it can be directly sleeved on the cable which needs filtering.
- Unlike other filtering methods, grounding is not required for ferrite core, so there are no special requirements for structural design and circuit board design.
- When it's used as a common mode choke, it will not cause signal distortion, which is very essential for wires transmitting high-frequency signals.

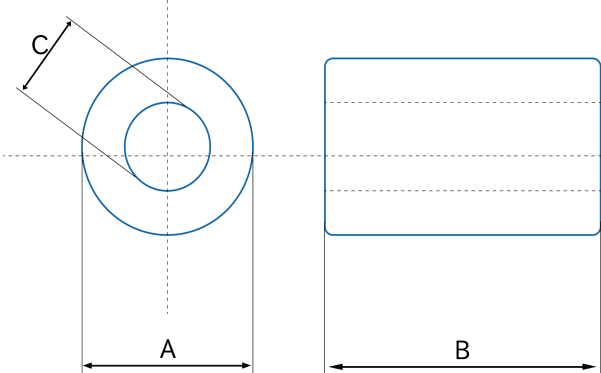
Ferrite core for EMI suppression



Part number naming rules

AN**	H	A	*	B	*	C
Category	Cylindrical series	Outter diameter		Height		Inner diameter

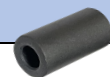
Drawing and dimension marks

Physical photo	Planar graph
Eg: 	
Outer diameter ranges from 2.5mm to 28.5mm.	
Height ranges from 3mm to 35mm.	
Inner diamter(general applicable cable diameter) ranges from 0.8mm to 16mm.	

Remark:

The product lineup down below is for general choices, non-mentioned sizes and different material types are available as per demands. The listed impedance parameters in the sheets hereinafter are tested from common material AN type as examples, for reference. Should you not find what you need here, get in touch with us for further inquiries.

Ferrite core for EMI suppression



Product parameter lineup

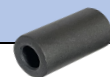
H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 2.5*3*1.0	2.5 $\pm$ 0.2	3 $\pm$ 0.3	1.0 $\pm$ 0.2	25	55
H 2.5*4.5*1.0	2.5 $\pm$ 0.2	4.5 $\pm$ 0.3	1.0 $\pm$ 0.2	30	60
H 2.5*6*1.0	2.5 $\pm$ 0.2	6 $\pm$ 0.3	1.0 $\pm$ 0.2	35	65
H 3*3.5*1.2	3 $\pm$ 0.3	3.5 $\pm$ 0.3	1.2 $\pm$ 0.2	25	60
H 3*10*1.2	3 $\pm$ 0.3	10 $\pm$ 0.4	1.2 $\pm$ 0.2	50	85
H 3.5*4*1.2	3.5 $\pm$ 0.3	4 $\pm$ 0.3	1.2 $\pm$ 0.2	30	60
H 3.5*4*2	3.5 $\pm$ 0.3	4 $\pm$ 0.3	2 $\pm$ 0.3	25	55
H 3.5*4.5*0.8	3.5 $\pm$ 0.3	4.5 $\pm$ 0.3	0.8 $\pm$ 0.2	35	65
H 3.5*4.5*1.2	3.5 $\pm$ 0.3	4.5 $\pm$ 0.3	1.2 $\pm$ 0.2	30	60
H 3.5*4.7*0.8	3.5 $\pm$ 0.3	4.7 $\pm$ 0.4	0.8 $\pm$ 0.2	40	80
H 3.5*5*1.2	3.5 $\pm$ 0.3	5 $\pm$ 0.4	1.2 $\pm$ 0.2	35	70
H 3.5*5*1.8	3.5 $\pm$ 0.3	5 $\pm$ 0.4	1.8 $\pm$ 0.2	25	40
H 3.5*5.5*0.8	3.5 $\pm$ 0.3	5.5 $\pm$ 0.4	0.8 $\pm$ 0.2	45	75
H 3.5*6*1.8	3.5 $\pm$ 0.3	6 $\pm$ 0.4	1.8 $\pm$ 0.2	50	95
H 3.5*7*0.8	3.5 $\pm$ 0.3	7 $\pm$ 0.4	0.8 $\pm$ 0.2	50	85
H 3.5*7*1.2	3.5 $\pm$ 0.3	7 $\pm$ 0.4	1.0 $\pm$ 0.2	40	80
H 3.5*8*0.8	3.5 $\pm$ 0.3	8 $\pm$ 0.4	0.8 $\pm$ 0.2	55	95
H 3.5*9*1.2	3.5 $\pm$ 0.3	9 $\pm$ 0.4	1.2 $\pm$ 0.2	50	85
H 3.5*9.6*1.2	3.5 $\pm$ 0.3	9.6 $\pm$ 0.4	1.2 $\pm$ 0.2	55	95
H 3.5*10*0.8	3.5 $\pm$ 0.3	10 $\pm$ 0.4	0.8 $\pm$ 0.2	50	85
H 3.5*10*1.5	3.5 $\pm$ 0.3	10 $\pm$ 0.4	1.5 $\pm$ 0.2	45	85
H 3.5*10*1.8	3.5 $\pm$ 0.3	10 $\pm$ 0.4	1.8 $\pm$ 0.2	35	75

Ferrite core for EMI suppression

Product parameter lineup				H - Cylindrical series	
Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 4*4.5*1.6	4±0.3	4.5±0.4	1.6±0.2	30	60
H 4*5*2	4±0.3	5±0.4	2±0.3	30	55
H 4*6*2	4±0.3	6±0.4	2±0.3	30	65
H 4*6*2.2	4±0.3	6±0.4	2.2±0.3	30	60
H 4*7*2.2	4±0.3	7±0.5	2.2±0.3	30	60
H 4*8*2	4±0.3	8±0.4	2±0.3	35	70
H 4*15*2	4±0.3	15±0.5	2±0.3	60	105
H 4*15*3	4±0.3	15±0.5	3±0.3	30	65
H 4*10*1.6	4±0.3	10±0.4	1.6±0.3	55	100
H 4*10*2	4±0.3	10±0.4	2±0.3	40	75
H 5*6*2.3	5±0.3	6±0.4	2.3±0.3	35	70
H 5*6.5*2.3	5±0.3	6.5±0.4	2.3±0.3	35	70
H 5*7*2.3	5±0.3	7±0.4	2.3±0.3	40	75
H 5*7*3	5±0.3	7±0.4	3±0.3	30	65
H 5*8.5*3	5±0.3	8.5±0.4	3±0.3	30	70
H 5*9*3	5±0.3	9±0.4	3±0.3	35	70
H 5*10*2.3	5±0.3	10±0.4	2.3±0.3	45	85
H 5*10*3	5±0.3	10±0.4	3±0.3	35	70
H 5.5*6*3	5.5±0.3	6±0.4	3±0.3	35	65
H 5.5*6*4	5.5±0.3	6±0.4	4±0.3	20	55
H 5.5*7*3	5.5±0.3	7±0.4	3±0.3	30	65
H 5.5*8*4	5.5±0.3	8±0.4	4±0.3	25	55

Ferrite core for EMI suppression

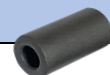


Product parameter lineup

H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 5.5*12.7*3	5.5 $\pm$ 0.3	12.7 $\pm$ 0.5	3 $\pm$ 0.3	45	85
H 5.5*13*4	5.5 $\pm$ 0.3	13 $\pm$ 0.5	4 $\pm$ 0.3	30	65
H 5.5*16*3	5.5 $\pm$ 0.3	16 $\pm$ 0.5	3 $\pm$ 0.3	55	100
H 5.5*18*3	5.5 $\pm$ 0.3	18 $\pm$ 0.5	3 $\pm$ 0.3	55	110
H 6*6.5*2	6 $\pm$ 0.3	6.5 $\pm$ 0.4	2 $\pm$ 0.3	50	85
H 6*8*3	6 $\pm$ 0.3	8 $\pm$ 0.4	3 $\pm$ 0.3	35	80
H 6*10*2	6 $\pm$ 0.3	10 $\pm$ 0.4	2 $\pm$ 0.3	65	110
H 6*10*4	6 $\pm$ 0.3	10 $\pm$ 0.4	4 $\pm$ 0.3	30	65
H 6*12.7*3	6 $\pm$ 0.3	12.7 $\pm$ 0.5	3 $\pm$ 0.3	55	95
H 6*18*3.2	6 $\pm$ 0.3	18 $\pm$ 0.5	3.2 $\pm$ 0.3	65	110
H 6*25.4*3	6 $\pm$ 0.3	25.4 $\pm$ 0.6	3 $\pm$ 0.3	95	155
H 6.5*8*4.3	6.5 $\pm$ 0.3	8 $\pm$ 0.4	4.3 $\pm$ 0.3	25	60
H 6.5*9.5*3.2	6.5 $\pm$ 0.3	9.5 $\pm$ 0.4	3.2 $\pm$ 0.3	40	80
H 6.5*10*3.2	6.5 $\pm$ 0.3	10 $\pm$ 0.4	3.2 $\pm$ 0.3	45	85
H 6.5*14*4.3	6.5 $\pm$ 0.3	14 $\pm$ 0.5	4.3 $\pm$ 0.3	40	80
H 6.5*15*3.2	6.5 $\pm$ 0.3	15 $\pm$ 0.5	3.2 $\pm$ 0.3	60	110
H 6.5*15.8*3.3	6.5 $\pm$ 0.3	15.8 $\pm$ 0.5	3.3 $\pm$ 0.3	70	105
H 6.5*20*3.2	6.5 $\pm$ 0.3	20 $\pm$ 0.5	3.2 $\pm$ 0.3	80	130
H 6.8*10*4	6.8 $\pm$ 0.3	10 $\pm$ 0.5	4 $\pm$ 0.3	35	75
H 6.8*14.2*4	6.8 $\pm$ 0.3	14.2 $\pm$ 0.5	4 $\pm$ 0.3	45	90
H 7*8*4	7 $\pm$ 0.3	8 $\pm$ 0.4	4 $\pm$ 0.3	35	65
H 7*10*4	7 $\pm$ 0.3	10 $\pm$ 0.4	4 $\pm$ 0.3	40	75

Ferrite core for EMI suppression

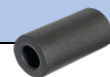


Product parameter lineup

H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 7*11.8*4	7 $\pm$ 0.3	11.8 $\pm$ 0.5	4 $\pm$ 0.3	45	90
H 7*14*4	7 $\pm$ 0.3	14 $\pm$ 0.5	4 $\pm$ 0.3	50	90
H 7*15*4	7 $\pm$ 0.3	15 $\pm$ 0.5	4 $\pm$ 0.3	55	80
H 7.1*10*5.4	7.1 $\pm$ 0.3	10 $\pm$ 0.4	5.4 $\pm$ 0.3	25	60
H 7.5*7.5*2.4	7.5 $\pm$ 0.3	7.5 $\pm$ 0.4	2.4 $\pm$ 0.3	10	65
H 7.5*16.5*2.8	7.5 $\pm$ 0.3	16.5 $\pm$ 0.5	2.8 $\pm$ 0.3	80	135
H 7.7*19*3	7.7 $\pm$ 0.3	19 $\pm$ 0.5	3 $\pm$ 0.3	90	165
H 7.8*10*4.5	7.8 $\pm$ 0.3	10 $\pm$ 0.4	4.5 $\pm$ 0.3	35	70
H 7.8*15*4	7.8 $\pm$ 0.3	15 $\pm$ 0.5	4 $\pm$ 0.3	60	105
H 7.9*10*4.1	7.9 $\pm$ 0.3	10 $\pm$ 0.4	4.1 $\pm$ 0.3	40	80
H 8*10*3.6	8 $\pm$ 0.3	10 $\pm$ 0.4	3.6 $\pm$ 0.3	45	85
H 8*10*6	8 $\pm$ 0.3	10 $\pm$ 0.4	6 $\pm$ 0.3	30	55
H 8*10.65*3.6	8 $\pm$ 0.3	10.65 $\pm$ 0.5	3.6 $\pm$ 0.3	45	90
H 8*12.7*6	8 $\pm$ 0.3	12.7 $\pm$ 0.5	6 $\pm$ 0.3	30	65
H 8*16*3.6	8 $\pm$ 0.3	16 $\pm$ 0.5	3.6 $\pm$ 0.3	70	120
H 8*13*4	8 $\pm$ 0.3	13 $\pm$ 0.5	4 $\pm$ 0.3	50	95
H 8*15*3	8 $\pm$ 0.3	15 $\pm$ 0.5	3 $\pm$ 0.3	75	135
H 8*16*6	8 $\pm$ 0.3	16 $\pm$ 0.5	6 $\pm$ 0.3	35	70
H 8*18*6	8 $\pm$ 0.3	18 $\pm$ 0.5	6 $\pm$ 0.3	35	70
H 8*20*3.7	8 $\pm$ 0.3	20 $\pm$ 0.6	3.7 $\pm$ 0.3	70	115
H 8*20*3	8 $\pm$ 0.3	20 $\pm$ 0.6	3 $\pm$ 0.3	95	165
H 8*20*5.5	8 $\pm$ 0.3	20 $\pm$ 0.6	5.5 $\pm$ 0.3	40	75

Ferrite core for EMI suppression

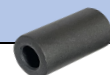


Product parameter lineup

H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 8*20*6	8 $\pm$ 0.3	20 $\pm$ 0.6	6 $\pm$ 0.3	40	75
H 9*10*5	9 $\pm$ 0.3	10 $\pm$ 0.4	5 $\pm$ 0.3	40	80
H 9*15*5.2	9 $\pm$ 0.3	15 $\pm$ 0.5	5.2 $\pm$ 0.3	40	85
H 9*13.2*5	9 $\pm$ 0.3	13.2 $\pm$ 0.5	5 $\pm$ 0.3	45	85
H 9*14.5*4	9 $\pm$ 0.3	14.5 $\pm$ 0.5	4 $\pm$ 0.3	60	105
H 9*16*4	9 $\pm$ 0.3	16 $\pm$ 0.5	4 $\pm$ 0.3	70	120
H 9*19.5*5	9 $\pm$ 0.3	19.5 $\pm$ 0.5	5 $\pm$ 0.3	65	110
H 9.3*20*4	9.3 $\pm$ 0.3	20 $\pm$ 0.6	4 $\pm$ 0.3	85	145
H 9.5*9.5*5.2	9.5 $\pm$ 0.3	9.5 $\pm$ 0.4	5.2 $\pm$ 0.3	30	65
H 9.5*10*7	9.5 $\pm$ 0.3	10 $\pm$ 0.4	7 $\pm$ 0.3	30	65
H 9.5*11.6*5.35	9.5 $\pm$ 0.3	11.6 $\pm$ 0.5	5.35 $\pm$ 0.3	40	75
H 9.5*12*4.8	9.5 $\pm$ 0.3	12 $\pm$ 0.5	4.8 $\pm$ 0.3	50	85
H 9.5*16*5.8	9.5 $\pm$ 0.3	16 $\pm$ 0.5	5.8 $\pm$ 0.3	50	85
H 9.5*17.5*5	9.5 $\pm$ 0.3	17.5 $\pm$ 0.5	5 $\pm$ 0.3	65	115
H 9.5*19*4.8	9.5 $\pm$ 0.3	19 $\pm$ 0.5	4.8 $\pm$ 0.3	70	115
H 10*12*6	10 $\pm$ 0.4	12 $\pm$ 0.5	6 $\pm$ 0.3	40	75
H 10*12.5*6.35	10 $\pm$ 0.4	12.5 $\pm$ 0.5	6.35 $\pm$ 0.3	40	75
H 10*13.5*5	10 $\pm$ 0.4	13.5 $\pm$ 0.5	5 $\pm$ 0.3	50	95
H 10*13.5*7	10 $\pm$ 0.4	13.5 $\pm$ 0.5	7 $\pm$ 0.3	45	65
H 10*15*7	10 $\pm$ 0.4	15 $\pm$ 0.5	7 $\pm$ 0.3	35	75
H 10*20*4.2	10 $\pm$ 0.4	20 $\pm$ 0.6	4.2 $\pm$ 0.3	90	135
H 10*20*5.6	10 $\pm$ 0.4	20 $\pm$ 0.6	5.6 $\pm$ 0.3	60	115

Ferrite core for EMI suppression

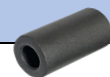


Product parameter lineup

H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 10*20*6	10 $\pm$ 0.4	20 $\pm$ 0.6	6 $\pm$ 0.3	60	110
H 10*28.5*5.1	10 $\pm$ 0.4	28.5 $\pm$ 0.6	5.1 $\pm$ 0.3	100	165
H 10.2*20*5.8	10.2 $\pm$ 0.4	20 $\pm$ 0.6	5.8 $\pm$ 0.3	50	95
H 10.4*14.1*6	10.4 $\pm$ 0.4	14.1 $\pm$ 0.5	6 $\pm$ 0.3	45	90
H 10.5*11*7.3	10.5 $\pm$ 0.4	11 $\pm$ 0.5	7.3 $\pm$ 0.3	30	65
H 10.5*12*5.5	10.5 $\pm$ 0.4	12 $\pm$ 0.5	5.5 $\pm$ 0.3	45	85
H 10.5*14*7.3	10.5 $\pm$ 0.4	14 $\pm$ 0.5	7.3 $\pm$ 0.3	35	65
H 10.5*20.5*5.5	10.5 $\pm$ 0.4	20.5 $\pm$ 0.6	5.5 $\pm$ 0.3	70	120
H 11*11.5*8.1	11 $\pm$ 0.4	11.5 $\pm$ 0.5	8.1 $\pm$ 0.4	30	65
H 11*15*5	11 $\pm$ 0.4	15 $\pm$ 0.5	5 $\pm$ 0.3	70	115
H 11*20*7.5	11 $\pm$ 0.4	20 $\pm$ 0.6	7.5 $\pm$ 0.3	50	95
H 11*25*7	11 $\pm$ 0.4	25 $\pm$ 0.6	7 $\pm$ 0.3	60	105
H 11*25*5	11 $\pm$ 0.4	25 $\pm$ 0.6	5 $\pm$ 0.3	100	175
H 11*25*5.5	11 $\pm$ 0.4	25 $\pm$ 0.6	5.5 $\pm$ 0.3	65	110
H 11.5*15*7.1	11.5 $\pm$ 0.4	15 $\pm$ 0.5	7.1 $\pm$ 0.3	45	85
H 11.5*20*7.1	11.5 $\pm$ 0.4	20 $\pm$ 0.5	7.1 $\pm$ 0.3	55	100
H 11.5*28.5*5	11.5 $\pm$ 0.4	28.5 $\pm$ 0.6	5 $\pm$ 0.3	110	195
H 12*12.5*8	12 $\pm$ 0.4	12.5 $\pm$ 0.5	8 $\pm$ 0.4	35	70
H 12*14.5*7.3	12 $\pm$ 0.4	14.5 $\pm$ 0.5	7.3 $\pm$ 0.3	45	85
H 12*15*6	12 $\pm$ 0.4	15 $\pm$ 0.5	6 $\pm$ 0.3	60	105
H 12*15*6.5	12 $\pm$ 0.4	15 $\pm$ 0.5	6.5 $\pm$ 0.3	50	95
H 12*15*7	12 $\pm$ 0.4	15 $\pm$ 0.5	7 $\pm$ 0.3	45	90

Ferrite core for EMI suppression

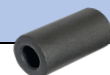


Product parameter lineup

H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 12*15*8	12 $\pm$ 0.4	15 $\pm$ 0.5	8 $\pm$ 0.4	40	80
H 12*16*8.5	12 $\pm$ 0.4	16 $\pm$ 0.5	8.5 $\pm$ 0.4	40	75
H 12*19*5.6	12 $\pm$ 0.4	19 $\pm$ 0.5	5.6 $\pm$ 0.3	80	130
H 12*19.5*6.5	12 $\pm$ 0.4	19.5 $\pm$ 0.5	6.5 $\pm$ 0.3	65	110
H 12*20*3.5	12 $\pm$ 0.4	20 $\pm$ 0.6	3.5 $\pm$ 0.3	130	195
H 12*20*4.5	12 $\pm$ 0.4	20 $\pm$ 0.6	4.5 $\pm$ 0.3	110	185
H 12*20*4.5	12 $\pm$ 0.4	20 $\pm$ 0.6	4.5 $\pm$ 0.3	85	160
H 12*20*5.2	12 $\pm$ 0.4	20 $\pm$ 0.6	5.2 $\pm$ 0.3	90	155
H 12*20*6.65	12 $\pm$ 0.4	20 $\pm$ 0.6	6.65 $\pm$ 0.3	60	105
H 12*22*5.2	12 $\pm$ 0.4	22 $\pm$ 0.5	5.2 $\pm$ 0.3	100	170
H 12*22.5*7.3	12 $\pm$ 0.4	22.5 $\pm$ 0.6	7.3 $\pm$ 0.3	60	100
H 12*23*4	12 $\pm$ 0.4	23 $\pm$ 0.6	4 $\pm$ 0.3	120	205
H 12*25*6	12 $\pm$ 0.4	25 $\pm$ 0.5	6 $\pm$ 0.3	60	105
H 12*25*7.3	12 $\pm$ 0.4	25 $\pm$ 0.6	7.3 $\pm$ 0.3	70	100
H 12*27*5.6	12 $\pm$ 0.4	27 $\pm$ 0.6	5.6 $\pm$ 0.3	95	170
H 12*27*7.3	12 $\pm$ 0.4	27 $\pm$ 0.6	7.3 $\pm$ 0.3	75	125
H 12*28.5*6	12 $\pm$ 0.4	26.5 $\pm$ 0.6	6 $\pm$ 0.3	90	170
H 12*30*5.6	12 $\pm$ 0.4	30 $\pm$ 0.7	5.6 $\pm$ 0.3	110	185
H 12.2*19.5*7.9	12.2 $\pm$ 0.4	19.5 $\pm$ 0.5	7.9 $\pm$ 0.3	45	90
H 12.3*24.5*5	12.3 $\pm$ 0.4	24.5 $\pm$ 0.6	5 $\pm$ 0.3	110	185
H 12.5*20*8	12.5 $\pm$ 0.4	20 $\pm$ 0.6	8 $\pm$ 0.4	55	95
H 13*15*7	13 $\pm$ 0.4	15 $\pm$ 0.5	7 $\pm$ 0.3	55	105

Ferrite core for EMI suppression

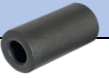


Product parameter lineup

H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 13*20*5	13 $\pm$ 0.4	20 $\pm$ 0.6	5 $\pm$ 0.3	105	160
H 13*20*7	13 $\pm$ 0.4	20 $\pm$ 0.6	7 $\pm$ 0.3	65	115
H 13*18.9*5	13 $\pm$ 0.4	18.9 $\pm$ 0.5	5 $\pm$ 0.3	90	165
H 13.75*28*8	13.75 $\pm$ 0.4	28 $\pm$ 0.6	8 $\pm$ 0.4	80	135
H 14.2*15*7.2	14.2 $\pm$ 0.4	15 $\pm$ 0.5	7.2 $\pm$ 0.4	60	95
H 14*15*10	14 $\pm$ 0.4	15 $\pm$ 0.5	10 $\pm$ 0.4	35	75
H 14*18*8	14 $\pm$ 0.4	18 $\pm$ 0.5	8 $\pm$ 0.4	55	105
H 14.2*23*7.2	14.2 $\pm$ 0.4	23 $\pm$ 0.6	7.2 $\pm$ 0.4	85	145
H 14.2*15*5.2	14.2 $\pm$ 0.4	15 $\pm$ 0.5	5.2 $\pm$ 0.3	80	165
H 14.2*18*6.35	14.2 $\pm$ 0.4	18 $\pm$ 0.5	6.35 $\pm$ 0.3	80	135
H 14.2*20*6.35	14.2 $\pm$ 0.4	20 $\pm$ 0.6	6.35 $\pm$ 0.3	90	145
H 14.2*20*6.5	14.2 $\pm$ 0.4	20 $\pm$ 0.6	6.5 $\pm$ 0.3	85	130
H 14.2*20*7	14.2 $\pm$ 0.4	20 $\pm$ 0.6	7 $\pm$ 0.4	75	135
H 14.2*20*9	14.2 $\pm$ 0.4	20 $\pm$ 0.6	9 $\pm$ 0.4	40	85
H 14.2*22*8	14.2 $\pm$ 0.4	22 $\pm$ 0.6	8 $\pm$ 0.4	70	120
H 14.2*28.5*5.5	14.2 $\pm$ 0.4	26.5 $\pm$ 0.6	5.5 $\pm$ 0.3	130	215
H 14.2*28.5*9	14.2 $\pm$ 0.4	28.5 $\pm$ 0.6	9 $\pm$ 0.4	60	125
H 14.2*29*6.5	14.2 $\pm$ 0.4	29 $\pm$ 0.7	6.5 $\pm$ 0.3	115	190
H 14.2*29.2*7.7	14.2 $\pm$ 0.4	29.2 $\pm$ 0.7	7.7 $\pm$ 0.4	90	155
H 15.2*20*10.5	15.2 $\pm$ 0.4	20 $\pm$ 0.6	10.5 $\pm$ 0.4	45	85
H 15.3*29.5*6.35	15.3 $\pm$ 0.4	29.5 $\pm$ 0.7	6.35 $\pm$ 0.3	135	215
H 15.5*20*7	15.5 $\pm$ 0.4	20 $\pm$ 0.6	7 $\pm$ 0.4	80	140

Ferrite core for EMI suppression



Product parameter lineup H - Cylindrical series

Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 15.5*22*7.3	15.5 $\pm$ 0.4	22 $\pm$ 0.6	7.3 $\pm$ 0.3	90	155
H 15.6*26.5*7	15.6 $\pm$ 0.4	26.5 $\pm$ 0.6	7 $\pm$ 0.4	105	185
H 15.9*27.6*7.9	15.9 $\pm$ 0.4	27.6 $\pm$ 0.6	7.9 $\pm$ 0.4	100	165
H 15.6*28.5*7.3	15.6 $\pm$ 0.4	28.5 $\pm$ 0.6	7.3 $\pm$ 0.4	110	185
H 16*17*10	16 $\pm$ 0.4	17 $\pm$ 0.5	10 $\pm$ 0.4	50	95
H 16*20*6.35	16 $\pm$ 0.4	20 $\pm$ 0.6	6.35 $\pm$ 0.3	95	155
H 16*20*7	16 $\pm$ 0.4	20 $\pm$ 0.6	7 $\pm$ 0.4	80	135
H 16*20*9	16 $\pm$ 0.4	20 $\pm$ 0.6	9 $\pm$ 0.4	65	115
H 16*23*4.5	16 $\pm$ 0.4	23 $\pm$ 0.6	4.5 $\pm$ 0.3	145	250
H 16*25*7	16 $\pm$ 0.4	25 $\pm$ 0.6	7 $\pm$ 0.4	90	155
H 16*25*8	16 $\pm$ 0.4	25 $\pm$ 0.6	8 $\pm$ 0.4	90	155
H 16*25*9	16 $\pm$ 0.4	25 $\pm$ 0.6	9 $\pm$ 0.4	75	125
H 16*28.5*4.3	16 $\pm$ 0.4	28.5 $\pm$ 0.6	4.3 $\pm$ 0.4	180	285
H 16*28*9	16 $\pm$ 0.4	28 $\pm$ 0.6	9 $\pm$ 0.4	80	135
H 17*28*9.5	17 $\pm$ 0.4	28 $\pm$ 0.6	9.5 $\pm$ 0.4	80	125
H 17*25.4*8.8	17 $\pm$ 0.4	25.4 $\pm$ 0.6	8.8 $\pm$ 0.4	90	150
H 17.5*24.5*10.2	17.5 $\pm$ 0.4	24.5 $\pm$ 0.6	10.2 $\pm$ 0.4	70	130
H 17.5*25.6*10.6	17.5 $\pm$ 0.4	25.6 $\pm$ 0.6	10.6 $\pm$ 0.4	70	125
H 17.5*26.5*9.5	17.5 $\pm$ 0.4	26.5 $\pm$ 0.6	9.5 $\pm$ 0.4	90	145
H 17.5*27*8.3	17.5 $\pm$ 0.4	27 $\pm$ 0.6	8.3 $\pm$ 0.4	105	170
H 17.5*35*9.5	17.5 $\pm$ 0.4	35 $\pm$ 0.8	9.5 $\pm$ 0.4	110	185
H 18.4*25.5*9.5	18.4 $\pm$ 0.5	25.5 $\pm$ 0.6	9.5 $\pm$ 0.4	90	150

Ferrite core for EMI suppression

Product parameter lineup				H - Cylindrical series	
Part code	A (mm) Outer diameter	B (mm) Height	C (mm) Inner diameter	Impedance (Ω) min.	
				@25 MHz	@100 MHz
H 18.4*18.5*9.5	18.4±0.5	18.5±0.5	9.5±0.4	60	115
H 18.4*20*9.6	18.4±0.5	20±0.6	9.6±0.4	65	125
H 18.4*25.5*11	18.4±0.5	25.5±0.6	11±0.4	70	125
H 18.4*27.5*9.6	18.4±0.5	27.5±0.6	9.6±0.4	85	155
H 18.4*29*9.6	18.4±0.5	29±0.8	9.6±0.4	95	165
H 18.7*28.5*10.2	18.7±0.5	28.5±0.6	10.2±0.4	90	160
H 19*27*12.5	19±0.5	27±0.6	12.5±0.5	60	105
H 19*28.5*12.5	19±0.5	28.5±0.6	12.5±0.5	65	105
H 21.2*30*13	21.2±0.5	30±0.8	13±0.4	80	135
H 22.5*28.5*13.8	22.5±0.5	28.5±0.6	13.8±0.4	75	130
H 25.9*29*12.7	25.9±0.6	29±0.7	12.7±0.4	100	195
H 26*28.5*13	26±0.6	28.5±0.6	13±0.4	105	180
H 26*28.5*16	26±0.6	28.5±0.6	16±0.5	70	125
H 26*30*12.7	26±0.6	30±0.7	12.7±0.4	115	190
H 28.5*30*13.8	28.5±0.6	30±0.8	13.8±0.4	120	195