



Chilisin Electronics Singapore Pte Ltd

Ni-Zn Core, RI Type

Shape

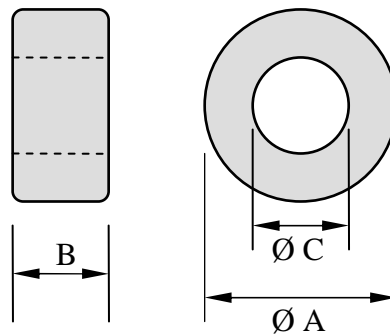
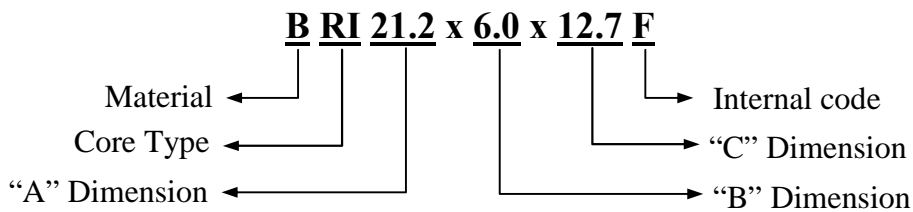


These RI core provide ideal use in filters for RFI Suppression as well as in wide band, Pulse and inverter transformers. Its uniform rectangular cross section and no air gap contribute to it's ideal usage

Parts may be supplied with insulated coating if required. For hard and smooth surfaced for winding purposed. Colour coding may be applied for identification.

Dimension shown are not coated. Customer specification are welcome

Ordering Code:



Material:

Material = B
Other special Material upon request.

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Electrical Characteristics

PART NO.	"A" Dimension mm	"B" Dimension mm	"C" Dimension mm	Typical Impedance (Ω)	
				25 MHz min	100MHz
B RI 4.5 x 1.5 x 3.0	4.5 \pm 0.2	1.5 \pm 0.2	3.0 \pm 0.2	8.0	32.0
B RI 5.0 x 2.5 x 2.8	5.0 \pm 0.2	2.5 \pm 0.25	2.8 \pm 0.2	10.0	31.0
B RI 5.5 x 2.0 x 3.0	5.5 \pm 0.2	2.0 \pm 0.25	3.0 \pm 0.2	9.0	31.0
B RI 6.0 x 2.0 x 3.0	6.0 \pm 0.2	2.0 \pm 0.25	3.0 \pm 0.2	9.0	34.0
B RI 7.0 x 4.5 x 5.3	7.0 \pm 0.2	4.5 \pm 0.3	5.3 \pm 0.2	9.0	30.0
B RI 8.0 x 4.0 x 4.0	8.0 \pm 0.2	4.0 \pm 0.3	4.0 \pm 0.2	31.0	142.0
B RI 9.0 x 3.0 x 5.0	9.0 \pm 0.2	3.0 \pm 0.25	5.0 \pm 0.2	25.0	134.0
B RI 9.5 x 4.8 x 5.0	9.5 \pm 0.3	4.8 \pm 0.3	5.0 \pm 0.2	32.0	137.0
B RI 10.0 x 5.0 x 6.0	10.0 \pm 0.4	5.0 \pm 0.3	6.0 \pm 0.2	30.0	138.0
B RI 10.0 x 5.0 x 7.0	10.0 \pm 0.4	5.0 \pm 0.3	7.0 \pm 0.25	27.0	131.0
B RI 12.0 x 4.0 x 7.0	12.0 \pm 0.4	4.0 \pm 0.3	7.0 \pm 0.25	28.0	140.0
B RI 12.0 x 5.5 x 7.0	12.0 \pm 0.4	5.5 \pm 0.3	7.0 \pm 0.25	29.0	128.0
B RI 12.0 x 6.0 x 6.0	12.0 \pm 0.4	6.0 \pm 0.3	6.0 \pm 0.2	36.0	135.0
B RI 12.7 x 6.35 x 7.9	12.7 \pm 0.4	6.35 \pm 0.3	7.9 \pm 0.2	32.0	143.0
B RI 13.8 x 5.0 x 8.6	13.8 \pm 0.4	5.0 \pm 0.3	8.6 \pm 0.25	27.0	127.0
B RI 14.0 x 3.0 x 7.0	14.0 \pm 0.4	3.0 \pm 0.3	7.0 \pm 0.25	29.0	134.0
B RI 14.0 x 8.0 x 10.0	14.0 \pm 0.4	8.0 \pm 0.3	10.0 \pm 0.25	31.0	136.0
B RI 15.0 x 8.0 x 10.5	15.0 \pm 0.4	8.0 \pm 0.3	10.5 \pm 0.25	31.0	140.0
B RI 17.0 x 6.35 x 10.0	17.0 \pm 0.4	6.35 \pm 0.3	10.0 \pm 0.25	34.0	143.0
B RI 17.0 x 8.0 x 10.0	17.0 \pm 0.4	8.0 \pm 0.3	10.0 \pm 0.25	35.0	140.0
B RI 17.5 x 5.0 x 9.5	17.5 \pm 0.4	5.0 \pm 0.3	9.5 \pm 0.25	32.0	142.0
B RI 18.0 x 4.0 x 10.0	18.0 \pm 0.4	4.0 \pm 0.3	10.0 \pm 0.25	28.0	126.0
B RI 18.0 x 6.0 x 10.0	18.0 \pm 0.4	6.0 \pm 0.3	10.0 \pm 0.25	33.0	140.0
B RI 19.0 x 8.0 x 12.0	19.0 \pm 0.4	8.0 \pm 0.3	12.0 \pm 0.3	33.0	143.0
B RI 20.0 x 3.5 x 10.0	20.0 \pm 0.4	3.5 \pm 0.3	10.0 \pm 0.3	29.0	137.0

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PART NO.	"A" Dimension mm	"B" Dimension mm	"C" Dimension mm	Typical Impedance (Ω)	
				25 MHz min	100MHz
B RI 20.0 x 5.0 x 9.5	20.0 \pm 0.5	5.0 \pm 0.3	9.5 \pm 0.25	32.0	133.0
B RI 20.0 x 5.0 x 10.0	20.0 \pm 0.5	5.0 \pm 0.3	10.0 \pm 0.25	33.0	142.0
B RI 20.0 x 8.0 x 10.0	20.0 \pm 0.5	8.0 \pm 0.3	10.0 \pm 0.25	42.0	152.0
B RI 20.0 x 10.0 x 10.0	20.0 \pm 0.5	10.0 \pm 0.3	10.0 \pm 0.25	51.0	164.0
B RI 21.2 x 6.0 x 12.7	21.2 \pm 0.5	6.0 \pm 0.3	12.7 \pm 0.3	30.0	130.0
B RI 21.2 x 10.0 x 12.7	21.2 \pm 0.5	10.0 \pm 0.3	12.7 \pm 0.3	40.0	150.0
B RI 22.5 x 6.4 x 13.8	22.5 \pm 0.5	6.4 \pm 0.3	13.8 \pm 0.3	31.0	140.0
B RI 22.5 x 8.0 x 13.8	22.5 \pm 0.5	8.0 \pm 0.3	13.8 \pm 0.3	36.0	142.0
B RI 22.5 x 10.0 x 13.8	22.5 \pm 0.5	10.0 \pm 0.3	13.8 \pm 0.3	39.0	146.0
B RI 22.5 x 12.0 x 13.8	22.5 \pm 0.4	12.0 \pm 0.3	13.8 \pm 0.3	44.0	149.0
B RI 23.0 x 6.4 x 12.5	23.0 \pm 0.5	6.4 \pm 0.3	12.5 \pm 0.3	34.0	143.0
B RI 23.0 x 9.5 x 12.5	23.0 \pm 0.5	9.5 \pm 0.3	12.5 \pm 0.3	42.0	147.0
B RI 25.0 x 7.0 x 15.0	25.0 \pm 0.5	7.0 \pm 0.3	15.0 \pm 0.3	32.0	140.0
B RI 25.0 x 10.0 x 15.0	25.0 \pm 0.5	10.0 \pm 0.3	15.0 \pm 0.3	41.0	154.0
B RI 25.0 x 12.0 x 15.0	25.0 \pm 0.5	12.0 \pm 0.3	15.0 \pm 0.3	44.0	156.0
B RI 28.0 x 13.0 x 16.0	28.0 \pm 0.5	13.0 \pm 0.3	16.0 \pm 0.4	53.0	165.0
B RI 31.0 x 5.0 x 19.0	31.0 \pm 0.6	5.0 \pm 0.3	19.0 \pm 0.4	25.0	132.0
B RI 31.0 x 7.0 x 19.0	31.0 \pm 0.6	7.0 \pm 0.3	19.0 \pm 0.4	32.0	134.0
B RI 31.0 x 8.0 x 19.0	31.0 \pm 0.6	8.0 \pm 0.3	19.0 \pm 0.4	21.0	120.0
B RI 31.0 x 9.0 x 19.0	31.0 \pm 0.6	9.0 \pm 0.3	19.0 \pm 0.4	25.0	120.0
B RI 31.0 x 10.0 x 19.0	31.0 \pm 0.6	10.0 \pm 0.3	19.0 \pm 0.4	39.0	147.0
B RI 31.0 x 16.0 x 19.0	31.0 \pm 0.6	16.0 \pm 0.5	19.0 \pm 0.4	54.0	163.0
B RI 34.6 x 12.7 x 20.8	34.6 \pm 0.6	12.7 \pm 0.4	20.8 \pm 0.4	47.0	160.0
B RI 35.6 x 7.5 x 25.4	35.6 \pm 0.8	7.5 \pm 0.3	25.4 \pm 0.5	29.0	131.0
B RI 35.6 x 12.0 x 25.4	35.6 \pm 0.8	12.0 \pm 0.4	25.4 \pm 0.5	37.0	149.0

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