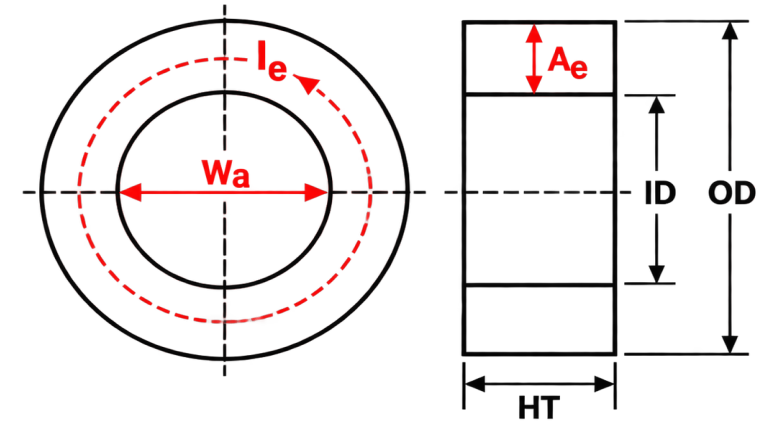


Material: FE- Based Nanocrystalline Magnetic Material**Core Shape:** Toroidal**Application:** Common Mode Choke / EMI Suppression**Test Conditions:** 1 V, 10 kHz / 100 kHz**AL Tolerance:** $\pm 23\%$ **Protection Options:** Powder Coating / Plastic Casing / Epoxy Coating**Powder Colour:** Green/Black or equivalent.

Plastic Casing Material: PBT or equivalent.

OD: Outer Diameter of Core (mm)**ID:** Inner Diameter of Core (mm)**HT:** Height / Thickness of Core (mm)**Dimensional Reference:** Bare Core and Maximum Finished Dimensions**Magnetic Parameters:** Effective Cross-Sectional Area (A_e), Mean Magnetic Path Length (l_e), Window Area (W_a)

Sr.	Bare Core Dimensions (mm)			Finished Dimensions (mm)			Protection Type	Nominal Core wt (g)	A_e (cm ²)	L_e (cm)	W_a (cm ²)	AL (μ H) at 10KHz/1V	AL (μ H) 100KHz/1V
	Nominal OD	Nominal ID	Nominal HT	MAX OD	MIN ID	MAX HT							
1	7.2	4.5	3	8	3.5	4.5	Plastic Case	0.43	0.04	1.84	0.16	14.89	4.74
2	9.8	6.5	4.5	11.2	5.1	5.7	Plastic Case	1.1	0.07	2.56	0.33	22	5
3	10	6.5	5	11.2	5.1	6.5	Plastic Case	1.31	0.09	2.59	0.33	24	7.24
4	12	8	4.5	13.5	6.5	6.5	Plastic Case	1.64	0.09	3.14	0.5	25	6.13
5	12.5	10	5	14	8.5	6.8	Plastic Casing	1.28	0.06	3.53	0.79	11.78	3.57
6	14	10	5	15.5	8.5	6.8	Plastic Case	2.18	0.1	3.77	0.79	21	5.65

7	16	10	8	17.2	8.5	10	Plastic Case	5.67	0.24	4.08	0.79	40	12.63
8	16	12.5	6	17.8	10.7	≤8.0	Epoxy Coated	2.72	0.11	4.48	1.23	16	5.3
9	17.8	13	5	19.3	11.5	6.5	Powder Coating	3.36	0.12	4.84	2.86	16.34	5
10	17.8	13	5	19.6	11.6	6.5	Plastic Casing	3.36	0.12	4.84	2.86	16.34	5
11	20	13	8	21.5	11.5	9.5	Powder Coating	8.4	0.28	5.18	1.33	36.39	11.03
12	20	13	10	21.5	11.5	11.5	Powder Coating	10.49	0.35	5.18	1.33	45.49	13.79
13	20	14	10	21.5	12.5	11.5	Powder Coating	9.27	0.3	5.34	1.54	37.66	11.4
14	20	14	10	22.7	12.1	11.8	Plastic Casing	9.27	0.3	5.34	1.54	37.66	11.4
15	20	12	8	22.3	10	10.3	Plastic Case	9.3	0.32	5.03	1.13	45	13.73
16	20	12	8	22.3	22.3	10.3	Plastic Case	9.3	0.32	5.03	1.13	45	13.73
17	21	14	5	22.5	12.5	6.5	Powder Coating	5.56	0.18	5.5	1.54	21.41	6.49
18	21	14	5	23.2	12	7.5	Plastic Casing	5.56	0.18	5.5	1.54	21.41	6.49
19	21	16	10	22.5	14.5	11.5	Powder Coating	8.4	0.25	5.81	2.01	35.53	10.77
20	21	16	10	23.6	13.5	11.9	Plastic Casing	8.4	0.25	5.81	2.01	35.53	10.77

21	21	16.5	12	22.8	14.6	15	Plastic Case	9.2	0.27	5.89	2.14	30.56	9.72
22	24	17	8	25.5	15.5	9.5	Powder Coating	10.43	0.28	6.44	2.27	29.13	8.83
23	24	17	8	26.5	15.2	10	Plastic Casing	10.43	0.28	6.44	2.27	29.13	8.83
24	24	17	20	27	15.3	23.3	Plastic Casing	26.08	0.7	6.44	2.27	72.83	22.07
25	25	20	10	27.8	18	12.7	Plastic Case	10.22	0.25	7.07	3.14	30	7
26	26	16	10	27.5	14.5	11.5	Powder Coating	19.08	0.5	6.6	2.01	51.27	15.54
27	26	16	10	28.3	14	12.7	Plastic Casing	19.08	0.5	6.6	2.01	51.27	15.54
28	26	19	10	27.5	17.5	11.5	Powder Coating	14.31	0.35	7.07	2.83	33.12	10.04
29	27	19	8	28.5	17.5	9.5	Powder Coating	13.37	0.32	7.23	2.83	29.69	9
30	27	19	8	29.2	16.6	9.2	Plastic Casing	13.37	0.32	7.23	2.83	29.69	9
31	28	19	10	29.5	17.5	11.5	Powder Coating	19.22	0.45	7.38	2.83	40.95	12.41
32	28	19	10	30.3	16.9	12.8	Plastic Casing	19.22	0.45	7.38	2.83	40.95	12.41
33	28	18	15	30.2	16	17.6	Plastic Case	31.34	0.75	7.23	2.54	60	22.27
34	30	20	8	31.5	18.5	9.5	Powder Coating	18.17	0.4	7.85	3.14	34.25	10.38

35	30	20	8	32.7	18	10	Plastic Casing	18.17	0.4	7.85	3.14	34.25	10.38
36	30	20	15	33.1	17.8	17.5	Plastic Case	34.07	0.75	7.85	3.14	70	20.44
37	32	20	10	34	17.8	12.5	Plastic Case	28.35	0.6	8.17	3.14	45	15.79
38	40	25	10	42.5	22.5	13	Plastic Case	44.29	0.59	10.21	4.91	50	15.79
39	40	25	15	43.2	21.9	18.9	Plastic Case	66.44	1.13	10.21	4.91	70	23.69
40	40	32	15	44.3	29.2	18.6	Plastic Case	39.25	0.6	11.31	8.04	45	7
41	40	32	15	43.5	28.5	17.8	Epoxy Coated	39.25	0.6	11.31	8.04	45	7
42	38	32	8	39.5	30.5	9.5	Powder Coating	15.26	0.24	11	8.04	14.52	4.4
43	38	32	8	41	29.8	9.8	Plastic Casing	15.26	0.24	11	8.04	14.52	4.4
44	50	32	15	53.2	29	18.2	Plastic Case	100.58	1.35	12.88	8.04	60	22.49
45	50	32	20	53.5	28.5	23.5	Plastic Casing	134.1	1.8	12.88	8.04	94.26	28.56
46	50	32	20	53.2	29.5	23.5	Plastic Case	134.1	1.8	12.88	8.04	94.26	28.56
47	50	40	20	53.5	36.5	22.8	Epoxy Coated	81.77	1	14.14	12.56	47.13	15
48	50	40	25	53.4	36.2	28.3	Plastic Case	102.21	1.25	14.14	12.56	58.91	18.74

49	60	50	10	61.5	48.5	11.5	Powder Coating	49.97	0.5	17.28	19.63	19.25	5.83
50	60	50	10	63	47	13	Plastic Casing	49.97	0.5	17.28	19.63	19.25	5.83
51	60	40	20	63	37	24	Plastic Case	181.71	1.56	15.71	12.56	70	27.25
52	64	40	20	67	37	24	Plastic Case	226.77	2.4	16.34	12.56	80	31.58