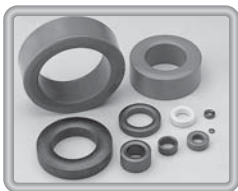


Toroidal Cores

*The other specification can be designed & produced also.



Toroidal cores provide high performance when wound and used as cores for transformers, inductors, or chokes.

● Ordering Code

$\frac{K5A}{(1)}$ $\frac{T}{(2)}$ $\frac{6}{(3)}$ X $\frac{3}{(4)}$ X $\frac{3}{(5)}$

(1) Material (4) C Size
 (2) Type Code (5) D Size
 (3) A Size

Toroidal Cores

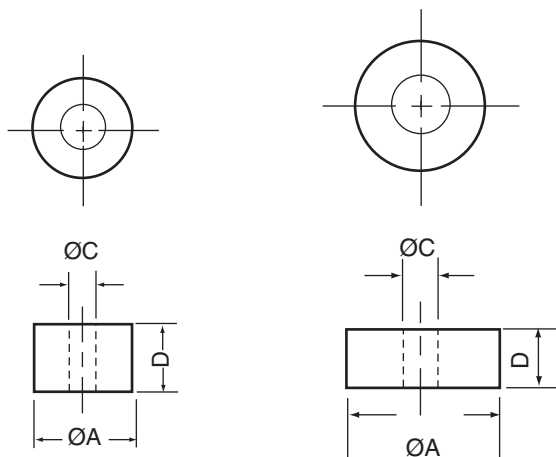
Outline: The key to suppressing radiated noise emissions generated by electronic equipment and systems is successful application of effective common-mode countermeasures at data lines. It could be used with series data lines, the data line is wrapped around the filter cores. Located between the CPU and terminal, they dramatically reduce electromagnetic noise.

Features: Minimal effect on transmission waveforms. Provide low cost noise countermeasures right at the data lines. Can be added as First-Aid, On-The Spot countermeasures when equipment or devices fail.

Application: Computers, peripherals and terminals data, Terminal equipment. NC machines. Measuring equipment, equipment using sensors. OA equipment, Plain paper copiers. Improvement of noise immunity for TVs, FM/AM Tuners, VTRs/VCRs. Harness noise countermeasures for automobiles. ISDN terminal equipment.

Applications: LAN matching and isolation transformers. LAN common mode chokes. Power supply common chokes. Inductors. Current sensing transformers. DC-DC converters. Telecommunications transformers. Lighting Ballasts. EMI filters.

● Shapes



Toroidal Cores

*The other specification can be designed & produced also.

● Dimensions & Characteristics

Unit : mm

NO	ITEM	ØA	ØC	D	Impedance (Ω) min.		AL(nH)
					25MHz	100MHz	
1	K5A T 3.2 X 1.25 X 3	3.2±0.15	1.25±0.1	3±0.2			368
2	K5A T 4 X 2 X 3	4±0.2	2±0.15	3±0.2	15	25	
3	K6 T 4.0 X 2 X 3	4.0±0.2	2±0.15	3±0.2		15	600
4	K5A T 4.5 X 1.5 X 3.5	4.5±0.2	1.5±0.15	3.5±0.2	70	100	490
5	K6 T 4.8 X 2.8 X 1.5	4.8±0.2	2.8±0.2	1.5±0.2	20	40	
6	K5A T 5 X 1.5 X 4	5±0.2	1.5±0.15	4±0.3	20	35	
7	K5A T 5.08X2.36X4.8	5.08±0.2	2.36±0.15	4.8±0.3	15	30	491
8	K5A T 5.08 X 2.36 X 6.35	5.08±0.2	2.36±0.15	6.35±0.3	25	45	400
9	K5A T 6 X 3X2	6±0.2	3±0.2	2±0.2	10	35	
10	K6 T 6 X 3 X 3	6±0.2	3±0.2	3±0.2	15	40	
11	K6 T 6 X 3 X 5	6±0.2	3±0.2	5±0.3	20	60	
12	K5A T 7 X 3.5 X 4	7±0.2	3.5±0.2	5±0.3	15	45	373
13	K6 T 7.62 X 3.18 X 4.78	7.62±0.2	3.18±0.2	4.78±0.3	25	5	1179
14	K6 T 8 X 4 X 4	8±0.2	4±0.2	4±0.3	20	40	700
15	K6 T 9 X 5 X 3	9±0.3	5±0.25	3±0.2	15	45	514
16	K5 T 9.15 X 5.02 X 4.7	9.15±0.3	5.02±0.25	4.7±0.3		35	548
17	P3 T 9.35 X 4.75 X 3.2	9.35±0.3	4.75±0.25	3.2±0.2		50	43
18	K5A T 9.5 X 4.75 X 4.8	9.5±0.3	4.75±0.2	4.8±0.3		30	448
19	K5A T 9.5 X 4.79 X 9.5	9.5±0.3	4.79±0.2	9.5±0.4	40	60	
20	K5A T 9.5 X 5 X 5	9.5±0.3	5±0.3	5±0.3	20	35	434
21	K5A T 9.5 X 5.02 X 5	9.5±0.3	5.02±0.3	5±0.3	20	35	432
22	K5A T 9.53 X 5.02 X 4.8	9.53±0.3	5.02±0.25	4.8±0.3		30	595
23	K5A T 9.80 X 6.3 X 7.4	9.80±0.3	6.3±0.3	7.4±0.3	20	50	
24	K5A T 9.65 X 5 X 5.05	9.65±0.3	5±0.25	5.05±0.3	21	43	449
25	K6 T 9.65 X 5.02 X 4.83	9.65±0.3	5.02±0.25	4.83±0.2	10	30	
26	K5A T 10 X 5 X 5	10±0.3	5±0.25	5±0.3	25	55	467
27	P1B T 10 X 5.1 X 9	10±0.3	5.1±0.25	9±0.3	30	60	643
28	K6 T 10 X 6 X 4	10±0.3	6±0.3	4±0.3	15	45	520
29	K5A T 10 X 7 X 5	10±0.3	7±0.3	5±0.3	15	40	247
30	K6 T 12 X 6 X 6	12±0.3	6±0.3	6±0.3	25	50	
31	K5A T 12 X 7 X 5.5	12±0.3	7±0.3	5.5±0.3		40	405
32	K5A T 12.7 X 7.9X 6.35	12.7±0.3	7.9±0.3	6.35±0.3	21	42	414
33	K5A T 13 X 7 X 3	13±0.3	7±0.3	3±0.2	15	30	252
34	K6 T 12.7 X 7.9 X 12.7	13±0.3	7.3±0.3	12.7±0.4	25	60	
35	K5A T 13 X 8 X 12.7	13±0.3	8±0.3	12.7±0.3		30	847
36	K5A T 14 X 8.7 X 7	14±0.4	8.7±0.35	7±0.3	25	45	458
37	K5A T 14 X 10 X 5.5	14±0.4	10±0.3	5.5±0.3	12	40	
38	K5A T 14.2 X 4.5 X 6	14.2±0.4	4.5±0.4	6±0.3	35	85	1245
39	K5A T 14.2 X 6.35 X 13.8	14.2±0.4	6.35±0.3	13.8±0.4	60	100	1476
40	K5A T 14.5 X 10.5 X 8	14.5±0.4	10.5±0.4	8±0.3	15	45	358
41	K5A T 15.7 X 10 X 4.3	15.7±0.4	10±0.4	4.3±0.3	15	35	267
42	K5A T 15.9 X 7.9 X 14.3	15.9±0.4	7.9±0.3	14.3±0.4	60	100	1346

Toroidal Cores

**The other specification can be designed & produced also.*

● Dimensions & Characteristics

Unit : mm

NO	ITEM	ØA	ØC	D	Impedance (Ω) min.		AL(nH)
					25MHz	100MHz	
43	K5A T 16 X 8 X 13	16±0.4	8±0.3	13±0.4	45	90	1213
44	K5A T 16 X 10 X 5	16±0.4	10±0.4	5±0.3			323
45	K6 T 16 X 12 X 8	16±0.4	12±0.4	8±0.3	20	30	686
46	K5A T 16.5 X 8.2 X 13	16.5±0.4	8.2±0.3	13±0.4	45	100	1223
47	K5A T 17.4 X 9.6 X 15	17.4±0.4	9.6±0.3	15±0.4			1213
48	K5A T 17.5 X 9.5 X 12.7	17.5±0.4	9.5±0.3	12.7±0.4	45	70	1054
49	C8 T 18 X 7 X 3	18±0.5	7±0.3	3±0.2			106
50	K5A T 18.3 X 10 X 10	18.3±0.5	10±0.4	10±0.4	30	80	
51	K5A T 18.4 X 9.5 X 15	18.4±0.5	9.5±0.3	15±0.4	50	85	1340
52	K5A T 18.4 X 9.6 X 12	18.4±0.5	9.6±0.3	12±0.4	45	80	1056
53	K5A T 18.7 X 10.2 X 17	18.7±0.5	10.2±0.4	17±0.4	45	80	1400
54	K5A T 20 X 10 X 10	20±0.6	10±0.4	10±0.4	40	75	933
55	K5A T 20.7 X 12 X 14	20.7±0.6	12±0.4	14±0.4	38	72	980
56	K5A T 21 X 13.2 X 12	21±0.6	13.2±0.4	12±0.4	30	65	776
57	K5A T 21 X 15 X 12	21±0.6	15±0.5	12±0.4	25	50	
58	K5A T 22 X 13.5 X 8	22±0.6	13.5±0.4	8±0.3	30	60	536
59	K5A T 22 X 14 X 8	22±0.6	14±0.4	8±0.3	30	60	498
60	K5A T 22.5 X 13.8 X 6.4	22.5±0.6	13.8±0.4	6.4±0.3	15	45	
61	K5A T 22.5 X 13.8 X 12.8	22.5±0.6	13.8±0.4	12.8±0.4	40	80	
62	K5A T 23 X 6.35 X 13.5	23±0.6	6.35±0.3	13.5±0.4			1809
63	K5A T 23 X 11 X 14	23±0.6	11±0.4	14±0.4	60	110	1384
64	K5A T 23 X 13.5 X 6.35	23±0.6	13.5±0.4	6.35±0.3	15	45	463
65	K5A T 23 X 13.8 X 5.5	23±0.6	13.8±0.4	5.5±0.3	17	34	
66	K6 T 23.5 X 12.6 X 9.4	23.5±0.6	12.6±0.4	9.4±0.3	60	120	1703
67	K5A T 24 X 11 X 14	24±0.6	11±0.4	14±0.4	45	85	1456
68	K5A T 24 X 14 X 11	24±0.6	14±0.4	11±0.4	35	63	
69	K5A T 25 X 15 X 8.1	25±0.6	15±0.4	8.1±0.3			
70	K5A T 25 X 15 X 12	25±0.6	15±0.6	12±0.4	35	80	467
71	K5A T 27 X 14.5 X 11	27±0.6	14.5±0.4	11±0.4	30	65	
72	K5A T 28 X 16 X 13	28±0.6	16±0.3	13±0.4	40	80	993
73	K5A T 29 X 19 X 7.5	29±0.6	19±0.5	7.5±0.3	20	50	438
74	K5A T 29 X 19 X 8.1	29±0.6	19±0.5	8.1±0.3			
75	K5A T 31 X 19 X 16	31±0.9	19±0.5	16±0.5			
76	K5A T 31.75 X 19.05 X 16	31.75±0.8	19.05±0.5	16±0.4	50	90	
77	K5A T 31.75 X 19.05 X 22.5	31.75±0.8	19.05±0.5	22.5±0.6	60	90	
78	K5A T 35.6 X 23 X 12.7	35.6±0.8	23±0.6	12.7±0.4	25	90	765
79	K5A T 35.6 X 25.4 X 7.5	35.6±0.8	25.4±0.6	7.5±0.2	25	90	351
80	K5A T 36 X 25 X 16	36±1	25±0.8	16±0.5	30	80	
81	K5A T 40.6 X 27 X 15	40.6±1	27±0.6	15±0.4	35	85	845
82	K5A T 40.6 X 27.5 X 15	40.6±1	27.5±0.6	15±0.4	35	85	808
83	K5A T 61.4 X 36 X 12.8	61.4±1	36±0.75	12.8±0.4	45	80	