

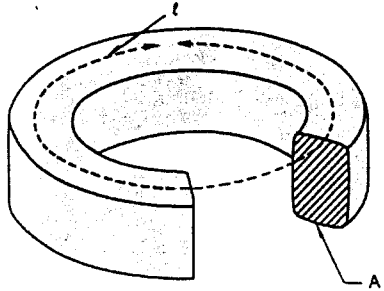
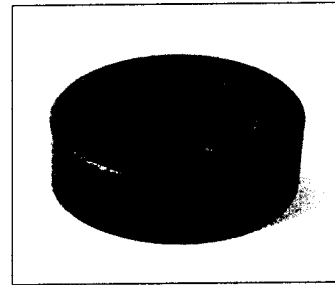
IBS Electronics, Inc.

3506 Lake Center Dr. Santa Ana, CA 92704 USA

TOROID CORES

P/N: 2643804502 MANUFACTURER: FAIR RITE

Part Number	A	B	C*	Weight (g)	Impedance*(Ω)			
					73		43	
					10 MHz Min.	25 MHz ±20%	25 MHz Min.	100 MHz ±20%
2643102002	25.9±0.75 1.020	12.8±0.25 .505	28.6±0.8 1.125	54	-	-	116	235
2643800602	20.95±0.4 .825	13.2±0.3 .520	6.35±0.2 .250	6.2	-	-	19	44
2643800502	20.95±0.4 .825	13.2±0.3 .520	11.9±0.4 .468	11.6	-	-	36	75
2643101902	28.5±0.6 1.122	13.8±0.3 .543	28.6±0.8 1.125	84	-	-	116	230
2643801402	25.4±0.6 1.020	15.5±0.5 .810	8.1±0.3 .320	12	-	-	28	55
2643806402	25.4±0.6 1.000	15.5±0.5 .610	12.7±0.4 .500	19	-	-	42	90
2643251002	39.1±0.75 1.540	18.75±0.5 .660	22.2±0.8 .875	102	-	-	108	230
2643801002	29.0±0.75 1.142	19.0±0.5 .748	7.5±0.25 .295	13	-	-	22	47
2643801202	29.0±0.75 1.142	19.0±0.5 .748	13.85±0.4 .545	25	-	-	41	92
2643804502	31.1±0.75 1.225	19.05±0.5 .750	16.3 - 0.75 .627	36	-	-	48	100
2643802702	35.55±0.75 1.400	22.85±0.5 .900	12.7±0.5 .500	38	-	-	38	80
2643626102	50.8±1.0 2.000	25.4±0.5 1.000	25.4±0.75 1.000	181	-	-	102	224
2643625902	50.8±1.0 2.000	25.4±0.5 1.000	28.7±0.75 1.130	205	-	-	116	254
2643626202	50.8±1.0 2.000	25.4±0.5 1.000	38.1±0.75 1.500	272	-	-	154	336
2643626002	50.8±1.0 2.000	25.4±0.5 1.000	50.8±1.0 2.000	363	-	-	192	360
2643803802	61.0±1.3 2.400	35.55±0.75 1.400	12.7±0.5 .500	115	-	-	46	108



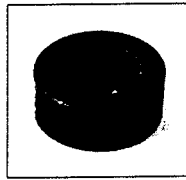
CORE DIMENSIONS (mm) Fig. 1

* This dimension can readily be modified to suit specific applications.
* Based upon single turn impedance measurements, using a HP 4193A

BOLD NUMBERS (mm)
LIGHT NUMBERS (inch)

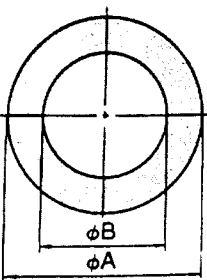
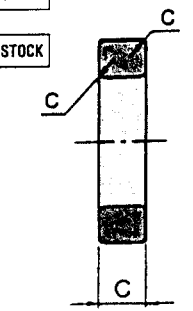
P/N: H5 B2T 10 - 2.5 - 5E / H5 B2T 6 - 1.5P MANUFACTURER: TDK

AL-value (nH/N ²)	Type (aA × C × oB)	H5A	H5B	H5B2	H5C2	H5D	HP3	HP4	HP5	H6F	H6A	K5	K6A
T3.05	1.27 × 1.27	540 ± 25%		1700 ± 25%	2200 ± 25%	3340 ± 30%	690 ± 20%	890 ± 20%	1100 ± 20%	170 ± 20%	400 ± 20%	63.8 ± 30%	15.5 ± 30%
T4	1 × 2	330 ± 25%	900 ± 25%	1000 ± 25%	1350 ± 25%	2000 ± 30%	400 ± 20%	530 ± 20%	670 ± 20%	100 ± 20%	240 ± 20%	38.8 ± 30%	9.3 ± 30%
T3.94	1.27 × 2.23	340 ± 25%	940 ± 25%	1080 ± 25%	1440 ± 25%	2170 ± 30%	430 ± 20%	580 ± 20%	720 ± 20%	110 ± 20%	260 ± 20%	41.8 ± 30%	10 ± 30%
T4.83	1.27 × 2.29	460 ± 25%	1230 ± 25%	1400 ± 25%	1900 ± 25%	2840 ± 30%	570 ± 20%	760 ± 20%	950 ± 20%	140 ± 20%	340 ± 20%	55.0 ± 30%	13.3 ± 30%
T6	1.5 × 3	500 ± 25%	1350 ± 25%	1500 ± 25%	2050 ± 30%	3000 ± 30%	600 ± 20%	800 ± 20%	1000 ± 20%	150 ± 20%	360 ± 20%	57.5 ± 30%	14 ± 30%
T5.84	1.52 × 3.05	480 ± 25%		1480 ± 25%	1970 ± 25%	2960 ± 30%	590 ± 20%	790 ± 20%	990 ± 20%	150 ± 20%	360 ± 20%	57.5 ± 30%	13.8 ± 30%
T8	2 × 4	800 ± 25%	1750 ± 25%	2000 ± 25%	2650 ± 25%	4000 ± 30%	800 ± 20%	1070 ± 20%	1330 ± 20%	210 ± 20%	550 ± 20%	77.5 ± 30%	18.8 ± 30%
T9.52	3.18 × 4.75								2120 ± 20%				
T10	2.5 × 5	1000 ± 25%	2200 ± 25%	2500 ± 25%	3360 ± 25%	5000 ± 30%	1000 ± 20%	1340 ± 20%	1670 ± 20%	260 ± 20%	650 ± 20%	97.5 ± 30%	23.3 ± 30%
T12	3 × 6	1400 ± 25%	1800 ± 25%	3000 ± 25%	3600 ± 25%	6000 ± 30%		1600 ± 20%		320 ± 20%	800 ± 20%	115 ± 30%	27.5 ± 30%
T14	3.5 × 7	1650 ± 25%	2100 ± 25%	3500 ± 25%	4200 ± 25%	7000 ± 30%				370 ± 20%	950 ± 20%	135 ± 30%	32.5 ± 30%
T12.7	4.77 × 7.14		2400 ± 25%										
T12.7	6.35 × 7.14		3200 ± 25%										
T12.7	6.35 × 7.92		2850 ± 25%		5200 ± 25%								
T16	4 × 8	1850 ± 25%	2650 ± 25%	4000 ± 25%	4800 ± 30%					420 ± 20%	1100 ± 20%	155 ± 30%	37.5 ± 30%
T18	4.5 × 9	2100 ± 25%	3000 ± 25%	4500 ± 25%	5400 ± 30%					470 ± 20%	1200 ± 20%	175 ± 30%	42.5 ± 30%
T20	5 × 10	2350 ± 25%	3350 ± 25%	5000 ± 25%	6000 ± 30%					520 ± 20%	1350 ± 20%	193 ± 30%	47.5 ± 30%
T20	7.5 × 14.5	1800 ± 25%	2700 ± 25%	3500 ± 30%	4100 ± 30%					380 ± 20%	950 ± 20%	135 ± 30%	33.7 ± 30%
T28	13 × 16	5300 ± 25%	7900 ± 25%	10600 ± 25%	14000 ± 30%					1150 ± 20%	2850 ± 20%	412 ± 30%	100 ± 30%
T31	8 × 19	2900 ± 25%	4300 ± 25%	5700 ± 25%	7700 ± 30%					620 ± 20%	1550 ± 20%	220 ± 30%	55 ± 30%
T31	13 × 19	4700 ± 25%											
T38	14 × 22	5650 ± 25%											
T44.5	13 × 30	3800 ± 25%	5700 ± 25%		10000 ± 30%					800 ± 20%	2000 ± 20%	287 ± 30%	70 ± 30%
T51	13 × 31	4800 ± 25%	7100 ± 25%		12700 ± 30%					1020 ± 20%	2550 ± 20%	363 ± 30%	90 ± 30%
T68	13.5 × 44	4300 ± 25%	6500 ± 25%		11800 ± 30%					920 ± 20%	2300 ± 20%	330 ± 30%	80 ± 30%
T72	10 × 52	2400 ± 25%	3600 ± 25%		6450 ± 30%					520 ± 20%	1300 ± 20%	182 ± 30%	45 ± 30%
T90	13.5 × 74	2000 ± 25%	3000 ± 25%		5270 ± 30%					410 ± 20%	1050 ± 20%	150 ± 30%	36 ± 30%



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