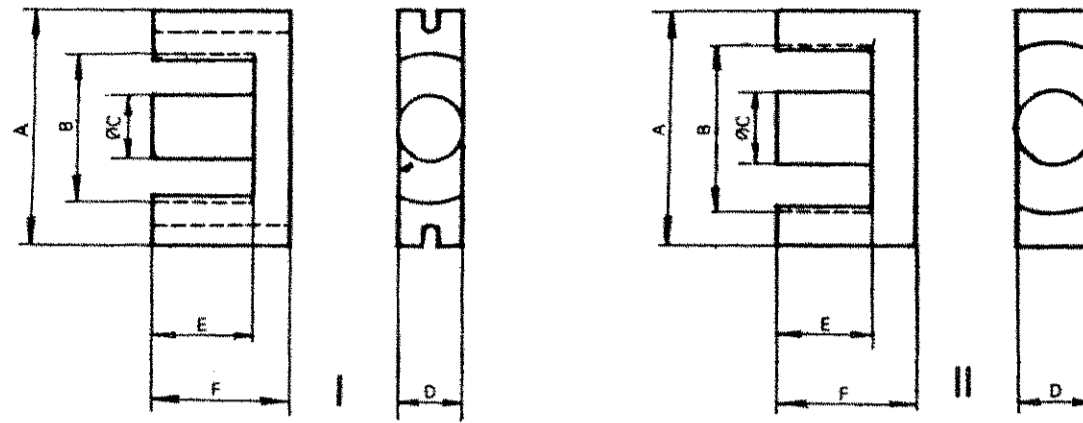


EC&ETD CORES



Type	Classifica- tion	Dimensions(mm)						Core Factor $C_1(\text{cm}^{-1})$	Effective Length $l_e(\text{cm})$	Effective Area $A_e(\text{cm}^2)$	Effective Voiume $V_e(\text{cm}^3)$	Approx Weight $W(\text{g})$
		A	B	C	D	E	F					
EC27	II	27.8 ± 0.6	19.5min	7.0 ± 0.2	7.0 ± 0.2	13.1 ± 0.4	17.1 ± 0.3	16.5	7.50	0.453	3.32	19
EC28	II	29.4 ± 0.6	22.0min	9.9 ± 0.25	11.4 ± 0.3	12.25 ± 0.3	16.9 ± 0.3	9.28	7.55	0.814	6.14	33
EC35	I	34.5 ± 0.8	22.8 ± 0.6	9.5 ± 0.5	9.5 ± 0.5	12.3 ± 0.3	17.5 ± 0.5	9.18	7.74	0.843	6.53	36
EC35B	II	35.0 ± 0.5	25.6min	11.3 ± 0.3	11.3 ± 0.3	14.7 ± 0.3	20.7 ± 0.3	8.51	9.08	1.07	9.68	56
EC35C	II	36.0 ± 0.6	26.5min	11.3 ± 0.3	11.3 ± 0.3	15.6 ± 0.3	21.6 ± 0.3	8.51	9.08	1.07	9.68	57
EC40	II	40.0 ± 0.7	28.75min	13.3 ± 0.3	13.3 ± 0.4	15.4 ± 0.3	22.4 ± 0.3	6.52	9.91	1.52	15.06	78
EC40B	II	40.3 ± 0.7	30.7min	14.0 ± 0.25	15.0 ± 0.2	15.4 ± 0.3	21.4 ± 0.3	5.95	9.44	1.59	15.0	80
EC41	I	40.6 ± 1.0	27.1 ± 0.8	11.6 ± 0.3	11.6 ± 0.3	13.9 ± 0.4	19.5 ± 0.15	7.35	8.93	1.21	10.8	57
EC42	II	42.0 ± 0.6	29.2min	15.5 ± 0.35	15.5 ± 0.4	15.4 ± 0.3	22.4 ± 0.3	5.09	9.88	1.94	19.16	102
EC42B	II	42.0 ± 0.8	30.6min	15.0 ± 0.3	15.0 ± 0.3	15.4 ± 0.3	22.4 ± 0.3	5.63	9.88	1.76	17.34	96
EC42C	II	42.0 ± 0.5	31.8min	17.3 ± 0.25	19.6 ± 0.4	$15.0^{+0.5}_0$	21.2 ± 0.2	4.25	9.75	2.28	22.23	112
EC42D	II	42.0 ± 0.6	31.0 ± 0.6	15.2 ± 0.3	15.2 ± 0.3	15.0 ± 0.3	21.4 ± 0.3	5.63	9.88	1.76	17.34	94
EC43	II	43.0 ± 0.8	31.5min	15.0 ± 0.3	15.0 ± 0.3	15.4 ± 0.3	22.4 ± 0.3	5.63	9.88	1.76	17.34	96
EC49	II	50.0 ± 0.8	37.3min	17.2 ± 0.4	17.2 ± 0.4	23.5 ± 0.4	32.0 ± 0.4	5.74	13.7	2.42	33.54	170
EC50	II	$50.0^{+0.5}_{-1.0}$	36.5min	18.5 ± 0.3	18.5 ± 0.3	20.0 ± 0.3	28.0 ± 0.3					86
EC52	I	52.2 ± 1.3	33.0 ± 0.9	13.4 ± 0.35	13.4 ± 0.35	15.9 ± 0.4	24.2 ± 0.15	5.81	10.5	1.80	18.8	111
EC53	II	53.5 ± 1	40.7 ± 0.9	17.9 ± 0.4	17.95 ± 0.35	10.3 ± 0.3	17.8 ± 0.2	3.62	8.91	2.46	21.92	112
EC70	I	70.7 ± 1.7	44.5 ± 1.2	16.4 ± 0.4	16.4 ± 0.4	22.75 ± 0.4	34.5 ± 0.15	5.14	14.4	2.79	40.1	256
ETD34	II	34.2 ± 0.8	26.3 ± 0.8	10.8 ± 0.3	10.8 ± 0.3	12.1 ± 0.3	17.3 ± 0.2	8.14	7.90	0.97	7.68	40
ETD36	II	39.1 ± 0.9	30.1 ± 0.8	12.5 ± 0.3	12.5 ± 0.3	14.6 ± 0.4	19.8 ± 0.2	7.48	9.22	1.25	11.53	60
ETD44	II	44.0 ± 1.0	33.3 ± 0.8	14.8 ± 0.4	14.8 ± 0.4	16.5 ± 0.4	22.3 ± 0.2	5.98	10.36	1.75	18.09	94
ETD49	II	48.7 ± 1.1	37.0 ± 0.9	16.3 ± 0.4	16.3 ± 0.4	18.1 ± 0.4	24.7 ± 0.2	5.42	11.40	2.13	24.05	124

EC&ETD CORES

Type	A _L Value(nH ± 25%)			Pc Core Loss(W)	
				16KHz, 150mT, 100°C	25KHz, 200mT, 100°C
	R2KD	R2KBD	R5K	R2KD	R2KBD
EC27	1400	1400	≥1950	≤0.23	≤0.48
EC28	2660	2400		≤0.40	≤1.06
EC35	2800	2400		≤0.50	≤0.90
EC35B	2960	2950		≤0.68	≤1.86
EC35C	2960	2500		≤0.68	≤2.37
EC40	3900	3890		≤0.94	≤1.95
EC40B	4220	3800		≤0.96	≤2.56
EC41	3400	3200		≤0.68	≤1.43
EC42	5060	5060		≤1.22	≤2.55
EC42B	4440	4000		≤1.16	≤3.07
EC42C	5670	5100		≤1.30	≤3.46
EC42D	4400	4000		≤1.16	≤3.07
EC43	4440	4000		≤1.16	≤3.07
EC49	4380	3940		≤2.02	≤5.30
EC50		4950			≤5.50
EC52	4300	4200		≤1.33	≤2.78
EC53	6550	6500		≤1.34	≤2.80
EC70	4900	4800		≤3.07	≤6.4
ETD34	2940	2850		≤0.48	≤1.0
ETD39	3240	3240		≤0.72	≤1.5
ETD44	4030	4110		≤1.13	≤2.35
ETD49	4420	4570		≤1.49	≤3.1