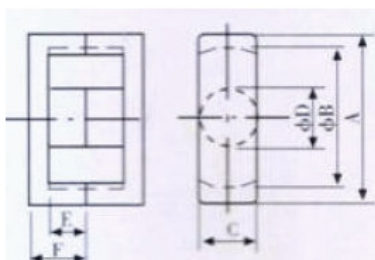




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## ETD Cores



Type	Dimension(mm)						Ae (mm <sup>2</sup> )	Le (mm)	AL(nH/N <sup>2</sup> )±25%				Power Consumption max(w/set)				Weigt (g/set)
	A	ΦB	C	ΦD	E	F			WP3A	WP3	WP4	WP44	WP3A	WP3	WP4	WP44	
ETD25-1	25.0±0.3	19.5±0.3	11.0±0.25	9.50±0.25	5.80±0.25	9.05±0.25	71.6	44.5	4030	3400	3400	3100	2.43	2.25	2.07	1.45	18
ETD28-1	28.5±0.7	21.2min	11.4±0.3	9.9±0.3	9.60±0.3	14±0.3	86.4	64	3560	3000	3000	2700	3.7	3.5	3.2	2.7	28
ETD28-2	28.5±0.7	21.2min	11.4±0.3	9.9±0.3	12.5±0.3	16.9±0.3	85.7	75.5	2980	2850	2700	2600	4.3	4.0	3.7	3.0	32
ETD28-3	28.6 <sup>+0.5</sup> <sub>0</sub>	22.2±0.5	11.4±0.25	9.9±0.25	9.80±0.2	14.15±0.2	86.8	64.2	3200	3000	3200	2700	2.8	2.6	2.4	2.0	21
ETD28-4	28.5 <sup>+0.8</sup> <sub>-0.4</sub>	21.4min	11.4±0.3	9.9±0.3	12.5±0.3	16.9±0.3	85.7	75.5	2950	2850	2700	2600	4.0	3.6	3.3	2.9	32
ETD28-5	28.5 <sup>+0.6</sup> <sub>-0.4</sub>	21.2min	11.4±0.3	9.9±0.25	13.0±0.3	17.3±0.3	85	76	2800	2800	2700	2600	4.0	3.8	3.4	3.0	33
ETD28-6	28.5±0.5	21.6min	11.4±0.25	9.9±0.25	12.5±0.2	16.9±0.2	85.7	75.5	2900	2850	2700	2600	3.8	3.6	3.3	2.9	32
ETD28-7	28.5 <sup>+0.5</sup> <sub>-0.3</sub>	21.6min	11.4±0.25	9.9±0.25	9.65 <sup>+0</sup> <sub>-0</sub>	14.0 <sup>+0.2</sup> <sub>-0.1</sub>	86	64	3200	3000	2900	2800	3.6	3.5	3.2	3.6	28
ETD28-8	28.5±0.5	21.2min	11.1±0.2	9.9±0.3	10.0±0.2	14.2±0.2	84	65	3200	3000	2900	2800	3.6	3.5	3.2	2.6	28
ETD29-1	29.8±0.8	22.0min	9.5±0.3	9.5±0.3	11.0±0.3	15.8±0.3	78.7	70.8	2400	2200	2200	2000	3.8	3.6	3.3	2.7	28.5
ETD31-1	31.5±0.5	26.5±0.5	11.4±0.25	9.8±0.2	5.60±0.2	8.9±0.2	72.5	50.4	3260	3000	3000	2700	1.7	1.6	1.5	1.3	13
ETD34-1	34.2±0.5	26.3±0.5	10.8±0.25	10.8±0.25	12.1±0.2	17.3±0.2	97.1	79.5	3270	3015	3015	2710	5.5	5.3	4.8	4.0	42
ETD34-2	34.2±0.5	25.6min	10.8±0.25	10.8±0.25	12.1±0.2	17.3±0.2	99.1	79.3	2990	2750	2750	2480	5.3	5.1	4.7	3.9	41
ETD35-1	35±0.5	26.7±0.5	11.3±0.3	11.3±0.25	11.0±0.3	17.0±0.2	108	94.3	3800	3500	3500	3200	7.0	6.6	6.1	5.1	53
ETD35-2	35.3±0.5	27.0±0.5	11.3±0.25	11.3±0.25	15.5±0.25	21.5±0.2	109	94.7	3000	3000	2910	2620	6.7	6.4	5.9	4.9	51
ETD35-3	35.3±0.5	26.5min	11.3±0.2	11.3±0.2	14.9±0.2	20.9±0.2	109	94	3300	3250	3150	2950	6.7	6.3	5.8	4.9	51.5
ETD35-4	35.0±0.7	25.6min	11.3±0.3	11.3±0.3	14.6±0.2	20.6±0.2	108.5	93.5	3350	3280	3180	2980	6.7	6.3	5.8	4.9	50.5

ETD35-5	35.0±0.7	25.6min	11.3±0.3	11.3±0.3	15.15±0.25	21.15±0.25	108	94.5	3250	3150	2050	2900	6.8	6.4	5.9	5.0	51
ETD35-6	35.0±0.7	25.6min	11.3±0.3	11.3±0.3	15.15±0.3	21.0 <sup>+0.4</sup> <sub>-0.2</sub>	108	94.5	3250	3150	2950	2900	6.8	6.4	5.9	5.0	51
ETD36	36.0±0.5	27.0±0.5	11.3±0.25	11.3±0.25	15.6±0.2	21.6±0.2	111	94.7	3150	3050	3000	2950	7.0	6.6	6.1	5.2	53.0
ETD39-1	39.1±0.6	30.3±0.6	12.7±0.3	12.5±0.3	17.0±0.3	22.2±0.3	116	102	3150	3050	3000	2950	8.1	7.3	6.9	5.4	60
ETD39-2	39.1±0.7	30.3±0.6	12.7±0.3	12.5±0.3	17.8±0.3	23.0±0.3	118	94.4	3350	3250	3100	3000	7.8	6.9	6.3	5.2	58
ETD39-3	39.1±0.6	30.3±0.6	12.7±0.3	12.5±0.3	15.0±0.3	20.2±0.3	118	94.7	3350	3250	3100	3000	8.1	7.3	6.9	5.4	60
ETD39-4	39.3±0.6	30.3±0.6	12.7±0.25	12.7±0.25	17.1±0.25	22.3±0.2	123.8	103	3150	3050	2900	2850	8.4	7.5	7	5.5	62
ETD39-5	39.3±0.6	30.1±0.6	12.7±0.25	12.7±0.25	15.8±0.25	21.0±0.2	123.4	98.4	3350	3150	2970	2850	8.3	7.4	7.0	5.5	61
ETD39-6	39.3±0.6	30.1±0.6	12.7±0.25	12.7±0.25	14.6±0.25	19.8±0.2	123.4	94	3400	3280	3200	3150	8.1	7.3	6.9	5.4	60
ETD39-7	39.3±0.6	30.1±0.6	12.7±0.25	12.7±0.25	13.0±0.25	18.2±0.2	125	84.6	3700	3600	3500	3450	7.6	6.8	6.4	5.0	56
ETD40-1	40.0±0.7	29.0min	13.3±0.3	13.3±0.3	15.5±0.2	22.5±0.2	154	98	3750	3650	3600	3500	10.3	10.1	8.8	6.5	76.5
ETD40-2	40.0±0.7	29.5±0.7	13.3±0.3	13.3±0.3	15.9±0.3	22.9±0.3	154	99	3700	3600	3550	3450	11.8	9.8	9.0	6.7	79.0
ETD40-3	40.0 <sup>+1.0</sup> <sub>-0</sub>	28.7min	13.3±0.3	13.3±0.3	15.8 <sup>+0</sup> <sub>-0</sub>	22.8±0.3	154	98.5	3700	3600	3550	3450	11.8	9.8	9.0	6.7	79.0
ETD40-4	40.0±0.50	29.5±0.50	13.3±0.25	13.3±0.25	15.4±0.2	22.4±0.2	154	98	4100	3600	3550	3650			8.6		80
ETD40-5	40.0±0.50	29.0min	13.3±0.25	13.3±0.25	15.9±0.2	23.0±0.2	154	99	3800	3550	3500	3600			9.2		80.5
ETD42-1	42±0.8	30.2min	14.7±0.3	14.7±0.3	15.5±0.3	21.2±0.3	173	98	3850	3500	3450	3550			8.7		84
ETD42-2	42.0±0.5	31.0±0.5	14.8±0.2	14.8±0.2	15.9±0.2	21.9±0.2	173	102	3800	3450	3400	3500			9.6		86
ETD42-3	42±0.8	30.2min	14.7±0.3	14.7±0.3	15.9±0.3	21.6±0.3	173	99.6	4300	4100	4050	4250			8.7		84.5
ETD42-4	42.5±0.6	31.2min	20±0.2	18.2±0.2	11.8±0.3	18.4±0.3	255	83.4	5350	5100	5050	5200			11.8		109
ETD42-5	42±0.8	30.2min	14.7±0.3	14.7±0.3	16.4±0.3	22.1±0.3	173	102	4000	3800	3750	3950			8.75		86
ETD43-1	43.0 <sup>+0.7</sup> <sub>-0.4</sub>	31.0min	15.5±0.3	15.5±0.3	15.4±0.3	22.4±0.3	199	99.7	4500	4000	4100	4300			11.0		99
ETD43-2	43.0±0.7	31.0min	15.5±0.3	15.5±0.3	15.7±0.3	22.7±0.3	198.5	100	4500	4200	4100	4300			11.5		99.2
ETD49-1	49.0±0.6	37.0min	17.2±0.3	17.2±0.3	18.7±0.3	26.5±0.3	236	119	4300	4100	4000	4100			15		137
ETD50-1	50.5±0.8	38min	18.7±0.3	18.7±0.3	18.7±0.3	27.0±0.3	274	120	5800	5300	5200	5500			18.5		170
ETD53-1	53.2±0.8	38.7min	21.5±0.3	20.0±0.3	16.4±0.2	23.2±0.3	300	109	6800	6400	6200	6550			19.5		175
ETD53-2	53.2 <sup>+0.8</sup> <sub>-0.5</sub>	38.7min	21.5±0.3	20.0±0.3	16.6±0.3	23.5±0.3	300	109	6800	6400	6200	6500			19.5		175
ETD54-1	54.2±0.6	41.0min	18.9±0.3	18.9±0.3	17.5±0.3	25.1±0.4	275	118	6000	5600	5400	5650			18.7		163
ETD55-1	55.2±0.8	38.7min	21.5±0.3	20±0.3	16.3±0.3	24.0±0.3	319.5	105.9	6400	6200	6100	6350			19.5		170

100kHz,200mT,100°C

Remark:

1. AL Value Testing Condition: 10kHz, 50mV, 100Ts. If testing condition is different from SCHMID'S, please specify upon request & ordering.
2. Gapped core is available, please specify upon request & ordering. SCHMID'S standard gapped core set is a combination of one gapped core and one ungapped core. If gapping on both pcs to make a set is needed, please specify upon request & ordering.
3. L : Mirror Finished Lapping. Please specify upon request & ordering by adding „L“ at the end of Core Size if you need.

