



Part number	Dimension(mm)					
	A	B	C	D	E	F
ER9.5	9.35 ± 0.15	7.635 ± 0.125	3.4 ± 0.1	4.9 ± 0.1	1.675 ± 0.075	2.45 ± 0.05
ER11	10.83 ± 0.18	8.85 ± 0.18	4.13 ± 0.13	5.9 ± 0.15	1.58 ± 0.1	2.45 ± 0.1
ER14.5	14.5 ± 0.2	11.8 ± 0.20	4.7 ± 0.1	6.7 ± 0.15	1.65 ± 0.1	2.95 ± 0.1
ER18	18.0 ± 0.35	13.5 min.	6.2 ± 0.15	9.7 ± 0.2	1.9 ± 0.2	3.5 ± 0.1
ER25	24.8 ± 0.3	18.3 min.	9.35 ± 0.25	10.75 ± 0.25	5.8 ± 0.2	9.3 ± 0.3
ER25B	25.5 ± 0.5	19.8 min.	7.5 ± 0.15	7.5 ± 0.2	6.4 ± 0.2	9.5 ± 0.2
ER28/28	28.6 ± 0.5	21.2 min.	9.9 ± 0.3	11.4 ± 0.3	9.65 ± 0.3	14.0 ± 0.3
ER28/28A	29.4 ± 0.6	22.2 min.	9.9 ± 0.25	11.3 ± 0.3	9.9 ± 0.3	14.3 ± 0.3
ERL28/34	28.5 ± 0.5	21.2 min.	9.9 ± 0.25	11.4 ± 0.3	12.5 ± 0.3	16.9 ± 0.3
ERL28/34B	29.3 ± 0.5	22.5 min	9.9 ± 0.25	11.4 ± 0.3	12.6 ± 0.3	16.9 ± 0.3
ER33	33.0 ± 0.5	24.5 min.	12.5 ± 0.25	13.8 ± 0.25	12.8 ± 0.25	17.3 ± 0.3
ER35/41	35.0 ± 0.5	25.6 min.	11.3 ± 0.3	11.3 ± 0.3	14.7 ± 0.3	20.7 ± 0.3
ERL35/42	35.2 ± 0.4	25.8 min.	11.2 ± 0.2	11.3 ± 0.3	15.2 ± 0.4	21.1 ± 0.4
ERL35/43	35.0 ± 0.5	25.6 min.	11.3 ± 0.3	11.3 ± 0.3	15.6 ± 0.3	21.6 ± 0.3
ERL39/42	39.2 ± 0.9	29.3 min.	12.5 ± 0.3	12.5 ± 0.3	16 ± 0.3	21.0 ± 0.3
ERL39/44	39.2 ± 0.9	29.3 min.	12.5 ± 0.3	12.5 ± 0.3	17.3 ± 0.3	22.3 ± 0.2
ERL39/45	39.2 ± 0.9	29.3 min.	12.5 ± 0.3	12.5 ± 0.3	17.4 ± 0.4	22.7 ± 0.4
ER40	40.0 ± 0.6	30.0 min.	13.3 ± 0.3	13.3 ± 0.3	15.4 ± 0.3	22.4 ± 0.3
ER40A	40.3 ± 0.6	30.7 min.	14.0 ± 0.25	15.0 ± 0.2	15.3 ± 0.2	21.3 ± 0.2
ER42/15	42.0 ± 0.6	30.4 min.	14.7 ± 0.3	14.7 ± 0.3	15.9 ± 0.3	21.6 ± 0.2
ER42A	42.0 ± 0.6	29.4 min.	15.5 ± 0.25	15.5 ± 0.25	15.4 ± 0.3	22.4 ± 0.2
ER42/20	42.0 ± 1.0	32.3 min.	17.25 ± 0.3	19.6 ± 0.4	15.65 ± 0.25	21.6 ± 0.3
ER48	48.0 ± 1.0	37.2 min.	18.0 ± 0.3	20.9 ± 0.4	15.05 ± 0.35	21 ± 0.2
ER54	53.5 ± 1.0	39.8 min	17.9 ± 0.4	17.95 ± 0.35	11.1 ± 0.3	18.3 ± 0.2

*All specification are subject to change without notice.



ER Cores

For high inductance and low height
 Use of this winding wires if tapes
 For compact winding design with low leakage inductance
 Main trans choke for PDP and LCD TV
 SMPS

Part number	C1 (mm ⁻¹)	Le (mm)	Ae (mm ²)	Ve (mm ³)	Weight (g)/set	SM023 AL(nH/N ²)±25%
ER9.5	1.58	14.00	8.80	123.20	0.60	1100
ER11	1.23	14.70	11.90	174.93	1.00	1400
ER14.5	1.01	18.60	18.30	340.38	1.80	1500
ER18	0.72	22.90	31.60	723.64	3.60	2400
ER25	0.6	44.20	74.00	3270.80	18.50	4000
ER25B	1.07	48.40	45.40	2197.36	11.50	2000
ER28/28	0.74	63.70	86.60	5516.42	28.60	2850
ER28/28A	0.74	64.30	84.70	5446.21	28.40	2900
ERL28/34	0.87	74.90	86.40	6471.36	34.00	2800
ERL2834B	0.94	75.30	77.00	5798.10	32.00	2800
ER33	0.63	79.20	125.00	9900.00	49.00	3100
ER35/41	0.82	90.60	111.00	10056.60	56.00	2800
ERL35/42	0.85	92.60	109.00	10093.40	53.00	2500
ERL35/43	0.84	93.80	112.00	10505.60	55.00	3000
ERL39/42	0.756	94.00	123.00	11562.00	61.00	2800
ERL39/44	0.737	92.10	125.00	11512.50	63.00	2800
ERL39/45	0.79	104.00	125.00	13000.00	64.00	2800
ER40	0.66	98.30	148.00	14548.40	78.00	3400
ER40A	0.61	97.20	160.00	15552.00	82.00	3600
ER42/15	0.58	99.60	173.00	17230.80	86.50	4350
ER42A	0.51	98.80	194.00	19167.20	102.00	5000
ER42/20	0.41	95.10	234.00	22253.40	122.00	5500
ER48	0.4	101.00	253.00	25553.00	130.20	4780
ER54	0.36	91.20	257.00	23438.40	126.50	5500

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