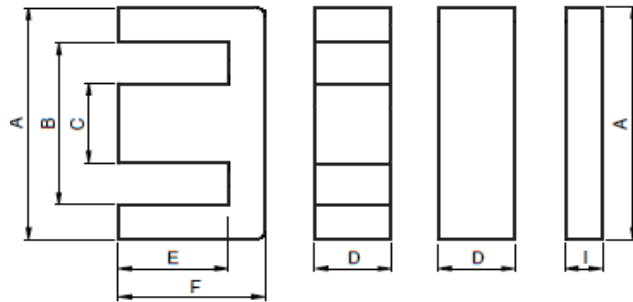




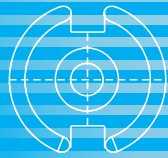
Sailcrest Magnetics Material Group.



Part number	Dimension(mm)						
	A	B min.	C	D	E	F	I
EI12.5	12.5 ± 0.2	9.05	2.4 ± 0.1	5.0 ± 0.15	5.1 ± 0.1	7.6 ± 0.2	1.6 ± 0.1
EI16	16 ± 0.3	11.8	4.0 ± 0.2	4.8 ± 0.2	10.4 ± 0.3	12.4 ± 0.3	2.0 ± 0.2
EI19	19 ± 0.3	14.2	4.85 ± 0.25	4.85 ± 0.25	11.3 ± 0.3	13.6 ± 0.3	2.4 ± 0.2
EI19A	19.2 ± 0.5	14	4.7 ± 0.3	4.9 ± 0.3	11.5 ± 0.3	13.7 ± 0.3	2.4 ± 0.2
EI19B	20 ± 0.3	14.3	4.55 ± 0.2	5.0 ± 0.2	11.15 ± 0.15	13.7 ± 0.25	2.3 ± 0.2
EI22	22 ± 0.3	13	5.75 ± 0.25	5.75 ± 0.25	10.55 ± 0.25	14.55 ± 0.25	4.5 ± 0.2
EI22A	22 ± 0.4	15.6	5.75 ± 0.25	5.75 ± 0.25	11.0 ± 0.2	15.0 ± 0.2	4.0 ± 0.2
EI25	25.4 ± 0.4	19	6.35 ± 0.3	6.35 ± 0.25	12.5 ± 0.3	15.8 ± 0.3	3.2 ± 0.2
EI25A	25.4 ± 0.5	18.6	6.3 ± 0.3	6.3 ± 0.3	13.3 ± 0.4	16.3 ± 0.4	3.0 ± 0.3
EI25B	25.3 ± 0.4	19	6.5 ± 0.3	6.75 ± 0.25	12.35 ± 0.25	15.55 ± 0.25	2.7 ± 0.2
EI28	28 ± 0.5	18.6	7.2 ± 0.3	10.6 ± 0.2	12.25 ± 0.25	16.75 ± 0.25	3.5 ± 0.3
EI28A	28.2 ± 0.5	18.9	7.1 ± 0.3	10.4 ± 0.3	12.8 ± 0.4	17.1 ± 0.3	3.5 ± 0.3
EI33	33 ± 0.5	23.6	9.7 ± 0.3	12.7 ± 0.3	19.25 ± 0.25	23.75 ± 0.25	5.0 ± 0.3
EI33A	33.15 ± 0.65	23.2	9.5 ± 0.5	12.7 ± 0.3	19.4 ± 0.4	24.3 ± 0.4	4.75 ± 0.3
EI40	40 ± 0.5	26.8	11.7 ± 0.3	11.7 ± 0.3	21.3 ± 0.3	27.3 ± 0.3	6.5 ± 0.3
EI40A	40 ± 0.7	27.2	11.6 ± 0.4	11.6 ± 0.4	21.25 ± 0.3	27.1 ± 0.4	6.5 ± 0.3
EI50	50 ± 0.7	34	14.6 ± 0.4	14.6 ± 0.4	24.85 ± 0.35	33.5 ± 0.35	9.0 ± 0.3
EI60	60.25 ± 0.75	43.9	15.4 ± 0.4	15.4 ± 0.4	27.85 ± 0.35	36.2 ± 0.5	8.5 ± 0.5

*All specification are subject to change without notice.





EI Cores

Transformer for switching mode power supply
 Impedance matching transformer in telecom application
 For miniature transformer and SMD coil former

Part number	C ₁ (mm ⁻¹)	Le (mm)	Ae (mm ²)	Ve (mm ³)	Weight (g)/set	SM023 AL(nH/N ²)±25%
EI12.5	1.39	21.40	15.40	329.56	1.90	1100
EI16	1.85	35.10	19.00	666.90	3.40	1100
EI19	1.74	39.60	22.70	898.92	4.50	1100
EI19A	1.50	39.10	26.30	1028.33	4.70	1200
EI19B	1.63	39.70	24.40	968.68	5.00	1450
EI22	0.96	39.60	41.40	1639.44	10.00	2400
EI22A	1.15	42.50	37.00	1572.50	8.50	1950
EI25	1.20	48.00	39.90	1915.20	10.00	1900
EI25A	1.07	49.10	46.00	2258.60	10.00	2000
EI25B	1.15	47.00	41.00	1927.00	11.00	1900
EI28	0.58	48.60	83.20	4043.52	23.50	3800
EI28A	0.57	48.60	85.10	4135.86	24.00	3800
EI33	0.57	67.50	118.00	7965.00	41.00	3800
EI33A	0.57	66.90	118.10	7900.89	41.50	4100
EI40	0.54	77.50	143.00	11082.50	59.00	4500
EI40A	0.55	76.80	140.00	10752.00	61.00	4400
EI50	0.42	94.20	226.00	21289.20	61.00	5900
EI60	0.46	110.10	242.00	26644.20	61.00	5600

*All specification are subject to change without notice.