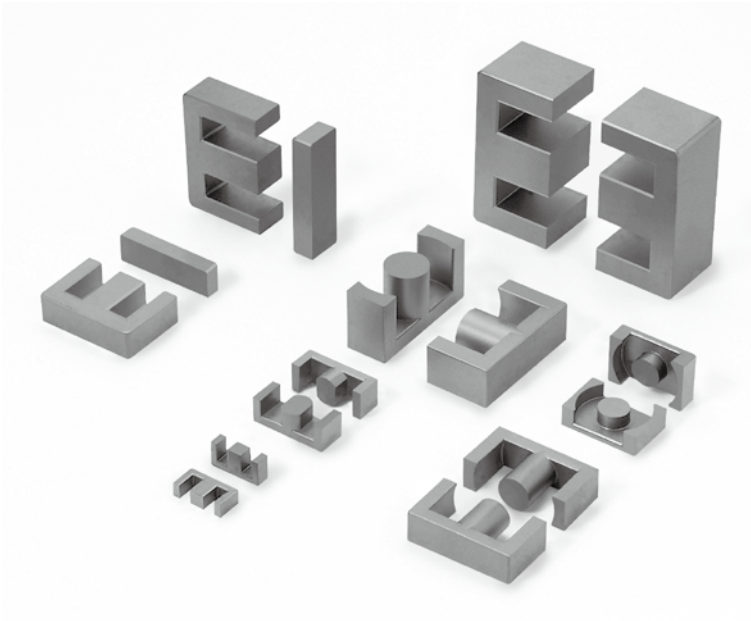
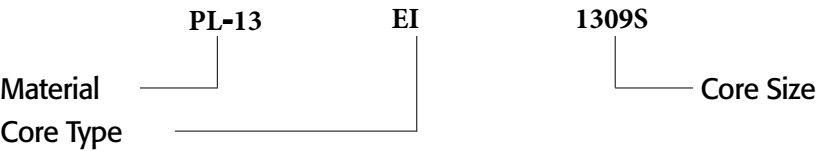




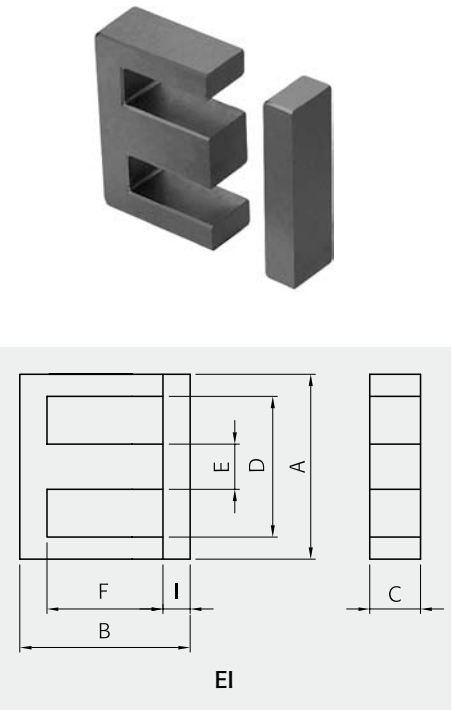
E CORES

EI13~EI70

Ordering Code System



EI CORES



Part No.		EI1309S	EI1614S	EI1916S	EI2016S
Type		EI	EI	EI	EI
Dimensions in mm	A	12.50 ±0.20	16.00 ±0.30	19.00 ±0.30	20.00 ±0.30
	B	9.10 ±0.40	14.70 ±0.30	15.90 ±0.40	15.85 ±0.35
	C	5.00 ^{+0.10} _{-0.20}	4.80 ±0.20	5.10 ^{+0.00} _{-0.50}	5.00 ±0.20
	D	9.20 ^{+0.50} _{-0.30}	11.80 min.	14.00 ±0.30	14.30 min.
	E	2.50 ^{+0.10} _{-0.20}	4.00 ±0.20	5.10 ^{+0.00} _{-0.50}	4.55 ±0.20
	F	5.00 ±0.15	10.80 ±0.20	11.30 ±0.30	11.15 ±0.30
	I	1.60 ±0.15	2.00 ±0.20	2.35 ±0.20	2.30 ±0.10

Core Set Parameters	C1(mm ⁻¹)	1.378	1.900	1.681	1.650
	Le(mm)	21.2	35.9	39.2	39.6
	Ae(mm²)	15.3	18.8	23.3	24.0
	Ve(mm³)	325	676	913	950
	Ac(mm²)	12.1	19.2	23.5	22.8
	AW(mm²)	16.7	43.7	51.6	56.6
	W(g/set)	1.9	3.5	4.5	4.9

Electrical Characteristics ⁽¹⁾⁽²⁾	Al value	PL-7	1400	1250	1300	1097
		PL-9	1600	1330	1530	1400
		PL-11	1500	1300	1400	1100
		PL-13	1710	1420	1630	1490
		PL-15	1500	1300	1400	1100
	Core loss	PL-7	0.18	0.37	0.50	0.52
		PL-9	0.16	0.34	0.46	0.48
		PL-11	0.16	0.34	0.46	0.48
		PL-13	0.16	0.32	0.44	0.46
		PL-15	0.15	0.30	0.41	0.43

Note : 1) Core Loss

- Unit : Watt max.
- Measuring conditions
PL-7, PL-11, PL-15 : 100kHz, 200mT, at 100℃
PL-9, PL-13 : 100kHz, 200mT, at 80℃
1) 100kHz, 100mT, at 100℃
2) 25kHz, 200mT, at 100℃

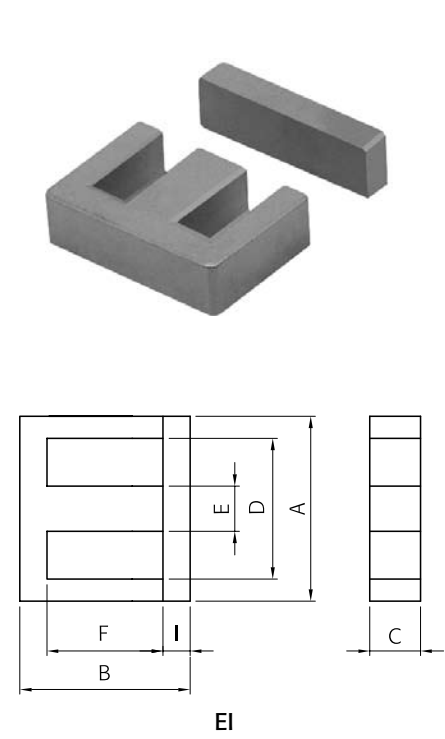
2) Al value

- Unit : nH/N²
- Measuring conditions : 1kHz, 0.1V, 23℃
- Tolerance : ±25%

	EI2218S	EI2418S	EI2519S	EI2820S	EI3026S	EI3329S	EI3530A	EI3530S	EI4035S
	EI	EI	EI	EI	EI	EI	EI	EI	EI
A	22.00 ±0.40	24.00 ±0.40	25.00 ^{+0.50} _{-0.30}	28.00 ±0.40	30.00 ^{+0.50} _{-0.30}	33.00 ±0.50	35.00 ±0.50	35.00 ±0.50	40.00 ^{+0.70} _{-0.50}
B	19.00 ±0.40	18.10 ±0.40	18.70 ±0.50	20.80 ±0.40	26.70 ^{+0.60} _{-0.20}	28.60 ±0.50	28.60 ^{+0.50} _{-0.00}	29.70 ±0.50	34.70 ^{+0.60} _{-0.20}
C	6.00 ^{+0.00} _{-0.50}	9.65 ±0.20	7.00 ^{+0.00} _{-0.50}	11.00 ^{+0.00} _{-0.60}	11.00 ^{+0.00} _{-0.70}	12.70 ±0.25	10.00 ±0.30	12.00 ^{+0.00} _{-0.50}	12.00 ^{+0.00} _{-0.70}
D	16.00 ±0.40	18.10 ±0.30	19.10 min.	18.60 min.	20.00 ^{+0.70} _{-0.00}	24.00 ±0.50	24.50 ±0.40	25.00 ±0.40	27.50 ^{+0.70} _{-0.00}
E	6.00 ^{+0.00} _{-0.50}	6.00 ±0.20	6.50 ±0.30	7.50 ^{+0.00} _{-0.60}	11.00 ^{+0.70} _{-0.00}	10.00 ^{+0.00} _{-0.50}	10.00 ±0.30	10.30 ^{+0.00} _{-0.50}	12.00 ^{+0.00} _{-0.70}
F	10.80 ^{+0.40} _{-0.00}	12.20 ±0.20	12.70 ^{+0.50} _{-0.00}	12.80 ±0.20	16.20 ^{+0.60} _{-0.00}	19.20 ±0.30	18.00 ^{+0.40} _{-0.10}	18.20 ±0.30	20.20 ^{+0.60} _{-0.00}
I	4.00 ±0.20	2.90 ±0.20	2.90 ^{+0.00} _{-0.30}	3.50 ±0.15	5.50 ±0.20	5.20 ±0.20	4.60 ±0.30	5.50 ±0.20	7.50 ±0.25
C1(mm ⁻¹)	1.148	0.800	1.206	0.586	0.537	0.567	0.650	0.554	0.526
Le(mm)	42.5	45.8	48.0	49.5	58.8	67.1	66.9	68.0	77.4
Ae(mm²)	37.0	57.2	39.7	84.4	109.0	118.0	102.0	122.0	147.0
Ve(mm³)	1570	2621	1900	4170	6440	7640	6880	8350	11390
Ac(mm²)	33.0	57.9	43.8	77.0	113.0	123.0	100.0	118.0	135.0
AW(mm²)	56.3	76.3	84.1	75.5	80.0	136.0	131.0	136.0	166.0
W(g/set)	8.3	13.2	9.5	21.7	33	40.7	35	42.4	59

Al value	PL-7	1950	2700	2000	3800	4000	3800	3350	3950	4000
	PL-9	2100	3100	2300	4300	4800	4600	4050	4700	4800
	PL-11	2000	2800	2000	4000	4200	4000	3500	4100	4200
	PL-13	2240	3300	2450	4580	5120	4900	4320	5010	5120
	PL-15	2000	2800	2000	4000	4200	4000	3500	4100	4200
Core loss	PL-7	0.86	1.44	1.05	2.29	3.54	4.20	3.78	4.59	6.26
	PL-9	0.79	1.31	0.95	2.09	3.22	3.82	3.44	4.18	5.70
	PL-11	0.79	1.31	0.95	2.09	3.22	3.82	3.44	4.18	5.70
	PL-13	0.75	1.26	0.91	2.00	3.09	3.67	3.30	4.01	5.47
	PL-15	0.71	1.18	0.86	1.88	2.90	3.44	3.10	3.76	5.13

EI CORES



Part No.			EI5040S	EI6044S	EI7064S
Type			EI	EI	EI
Dimensions in mm	A		50.00 ^{+0.70 -0.50}	60.00 ^{+1.00 -0.50}	70.00 ±1.20
	B		42.00 ^{+0.80 -0.20}	44.40 ^{+0.80 -0.20}	64.40 ±0.25
	C		15.00 ^{+0.00 -0.70}	15.80 ^{+0.00 -0.80}	31.60 ±0.50
	D		34.50 ^{+1.00 -0.00}	44.50 min.	46.30 min.
	E		15.00 ^{+0.00 -0.70}	15.80 ^{+0.00 -0.80}	22.20 ±0.50
	F		24.50 ^{+0.60 -0.00}	27.50 ^{+0.70 -0.00}	42.80 ±0.25
	I		9.00 ±0.25	8.50 ±0.25	10.40 ±0.50
Core Set Parameters	C1(mm ¹)		0.417	0.452	0.208
	Le(mm)		95.0	110.0	145.0
	Ae(mm²)		227.0	244.0	698.0
	Ve(mm³)		21660	26950	101530
	Ac(mm²)		213.0	237.0	701.0
	Aw(mm²)		253.0	412.0	541.0
	W(g/set)		112	138	519
Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	5200	4500	10500
		PL-9	6100	5500	12000
		PL-11	5400	4700	10900
		PL-13	6500	5860	12800
		PL-15	5400	4700	10900
	Core loss	PL-7	1.73 ²⁾	14.82	10.00 ²⁾
		PL-9	1.56 ²⁾	13.48	9.00 ²⁾
		PL-11	1.56 ²⁾	13.48	9.00 ²⁾
		PL-13	1.56 ²⁾	12.94	9.00 ²⁾
		PL-15	1.40 ²⁾	12.13	8.10 ²⁾
Note : 1) Core Loss			2) AL value		
- Unit : Watt max. - Measuring conditions PL-7, PL-11, PL-15 : 100kHz, 200mT, at 100℃ PL-9, PL-13 : 100kHz, 200mT, at 80℃ 1) 100kHz, 100mT, at 100℃ 2) 25kHz, 200mT, at 100℃			- Unit : nH/N ² - Measuring conditions : 1kHz, 0.1V, 23℃ - Tolerance : ±25%		