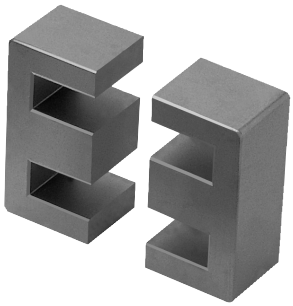
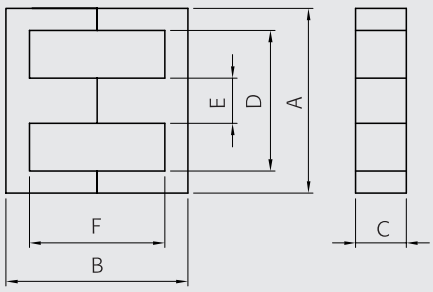
EE CORES





EE

Part No.		EE0505S	EE0606S	EE0808S	EE0908S
Type		EE	EE	EE	EE
Dimensions in mm	A	5.25 ±0.20	6.10 ±0.20	8.30 ±0.20	8.90 ±0.30
	B	5.30 ±0.10	5.70 ±0.10	8.00 ±0.20	8.12 ±0.26
	C	1.95 ±0.10	1.95 ±0.10	3.60 ±0.20	1.90 ±0.13
	D	3.80 min.	3.70 ±0.10	6.35 ±0.20	5.30 ±0.30
	E	1.35 ±0.10	1.35 ±0.10	2.00 ±0.20	1.90 ±0.13
	F	4.00 ±0.10	3.80 ±0.15	6.00 ±0.20	4.32 ±0.26
Core Set Parameters	C1 (mm^{-1})	4.846	3.697	2.732	3.140
	Le (mm)	12.6	12.2	19.4	15.7
	Ae (mm^2)	2.6	3.3	7.1	5.0
	Ve (mm^3)	33	40	139	78
	Ac (mm^2)	2.6	2.6	6.0	3.6
	Aw (mm^2)	5.0	4.5	14.0	7.3
	W (g/set)	0.2	0.3	0.7	0.5
Electrical Characteristics(1)(2)	AL value PL-7	285	405	590	540
	AL value PL-9	355	450	670	610
	AL value PL-11	300	410	600	550
	AL value PL-13	380	480	710	650
	AL value PL-15	300	410	600	550
	AL value SM-23T	270	390	570	520
	AL value SM-43T	500	520	770	700
	AL value SM-50	580	600	900	810
	AL value SM-60	700	720	1080	970
	AL value SM-70S	870	900	1100	1000
	AL value SM-100	1000	1000	1200	1100
	Core loss PL-7	0.018	0.022	0.076	0.050
	Core loss PL-9	0.017	0.020	0.070	0.040
	Core loss PL-11	0.017	0.020	0.070	0.040
	Core loss PL-13	0.016	0.019	0.067	0.040
	Core loss PL-15	0.015	0.018	0.063	0.037

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℃

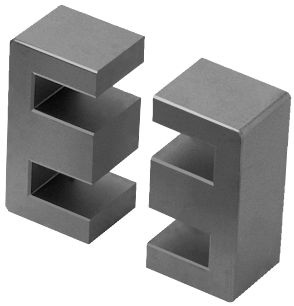
2) AL value
- Unit : nH/N^2
- Measuring conditions : 1kHz, 0.1V, 23℃
- Tolerance : ±25%
- SM-100 : Non mirror grinding

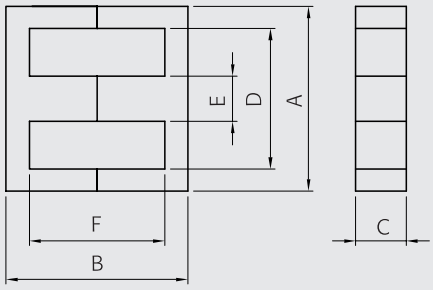
	EE1010S	EE1011S	EE1312S	EE1313S	EE1614S	EE1614SC	EE1616A	EE1616S	EE1625S
	EE	EE	EE	EE	EE	EE	EE	EE	EE
A	10.30 ±0.20	10.30 ±0.20	13.00 ±0.30	12.60 +0.50 -0.40	16.00 ±0.30	16.00 ±0.30	16.30 ±0.30	16.10 ±0.60	16.00 ±0.40
B	10.20 ±0.20	11.05 ±0.25	12.00 ±0.30	13.00 +0.00 -0.40	14.20 +0.40 -0.00	14.20 +0.40 -0.00	8.40 ±0.15	16.10 ±0.30	24.50 ±0.40
C	2.80 ±0.20	4.75 ±0.15	5.90 ±0.20	3.70 +0.00 -0.30	5.00 +0.40 -0.00	6.90 ±0.20	4.50 ±0.20	4.50 ±0.20	5.10 +0.00 -0.40
D	7.90 ±0.20	7.90 ±0.20	10.20 ±0.20	8.90 +0.60 -0.00	12.00 ±0.30	12.00 ±0.30	11.50 min.	11.30 min.	12.00 ±0.30
E	2.30 ±0.20	2.40 ±0.20	3.18 ±0.10	3.70 +0.00 -0.30	4.00 +0.40 -0.00	4.00 +0.00 -4.00	4.55 ±0.15	4.55 ±0.15	4.20 +0.00 -0.40
F	7.90 ±0.20	8.65 ±0.25	5.75 ±0.20	9.00 +0.60 -0.00	10.40 +0.50 -0.00	10.40 +0.50 -0.00	6.25 ±0.20	11.80 ±0.40	20.40 ±0.40

C1 (mm^{-1})	3.846	2.333	1.894	2.395	1.929	1.335	1.950	1.875	2.816
Le (mm)	25.0	26.6	30.3	29.7	35.5	35.5	39.2	37.7	55.2
Ae (mm^2)	6.5	11.4	16.0	12.4	18.4	26.6	20.1	20.1	19.6
Ve (mm^3)	163	302	487	369	655	944	788	755	1080
Ac (mm^2)	6.4	11.4	15.3	12.6	18.2	26.2	20.4	20.4	19.6
Aw (mm^2)	22.1	23.7	34.9	26.2	43.6	43.6	45.3	43.3	81.5
W (g/set)	1.9	1.5	2.4	1.9	3.2	4.6	3.9	3.8	5.3

AL value	PL-7	430	810	1000	810	1100	1500	1000	1000	750
	PL-9	480	940	1200	940	1370	1880	1250	1300	900
	PL-11	440	800	1000	800	1200	1560	1040	1200	800
	PL-13	510	1000	1280	100	1460	2000	1300	1390	960
	PL-15	440	800	1000	800	1200	1560	1040	1200	800
	SM-23T	410	780	960	780	1050	1440	960	960	720
	SM-43T	650	1200	1510	1160	1680	2670	1810	1720	1330
	SM-50	750	1400	1750	1350	1950	3100	2100	2000	1550
	SM-60	900	1680	2100	1620	2280	3700	2500	2400	1860
	SM-70S	1000	1750	2200	1700	2300	4600	3100	2600	1900
	SM-100	1100	1900	2400	1900	2500	5100	3400	2900	2100
Core loss	PL-7	0.090	0.17	0.27	0.20	0.36	0.52	0.43	0.42	0.59
	PL-9	0.082	0.15	0.24	0.18	0.33	0.47	0.39	0.38	0.54
	PL-11	0.082	0.15	0.24	0.18	0.33	0.47	0.39	0.38	0.54
	PL-13	0.078	0.14	0.23	0.18	0.31	0.45	0.38	0.36	0.52
	PL-15	0.073	0.14	0.22	0.17	0.29	0.42	0.35	0.34	0.49

EE CORES





EE

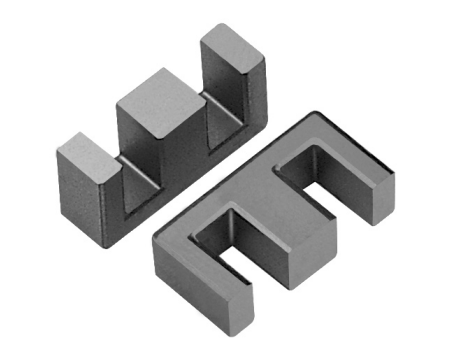
Part No.		EE1916B	EE1916S	EE1927S	EE2017S
Type		EE	EE	EE	EE
Dimensions in mm	A	19.00 ±0.30	19.00 ±0.30	19.00 ±0.30	20.30 ±0.40
	B	15.90 ±0.40	16.10 ±0.40	27.30 ±0.50	16.80 ±0.40
	C	5.10 $^{+0.00}_{-0.50}$	5.20 $^{+0.00}_{-0.40}$	5.10 $^{+0.00}_{-0.50}$	4.80 ±0.20
	D	4.00 ±0.30	14.50 ±0.30	14.00 ±0.30	15.70 ±0.40
	E	5.10 $^{+0.00}_{-0.50}$	4.70 $^{+0.00}_{-0.50}$	5.10 $^{+0.00}_{-0.50}$	4.80 ±0.20
	F	11.30 ±0.30	11.30 ±0.30	22.80 ±0.50	12.40 ±0.40
Core Set Parameters	C1 (mm^{-1})	1.682	1.750	2.654	1.945
	Le (mm)	39.2	39.9	62.1	42.8
	Ae (mm^2)	23.3	22.8	23.4	22.0
	Ve (mm^3)	914	913	1450	942
	Ac (mm^2)	23.5	22.2	23.5	23.0
	Aw (mm^2)	51.6	56.7	104.0	67.5
	W (g/set)	4.7	4.5	7.2	4.6
Electrical Characteristics[1][2]	AL value PL-7	1300	1250	840	1100
	AL value PL-9	1530	1480	1000	1300
	AL value PL-11	1400	1300	900	1200
	AL value PL-13	1630	1580	1070	1390
	AL value PL-15	1400	1300	900	1200
	AL value SM-23T	1250	1200	810	1100
	AL value SM-43T	1940	1940	1330	1700
	AL value SM-50	2250	2250	1550	2000
	AL value SM-60	2700	2700	1860	2400
	AL value SM-70S	2800	2800	2050	2600
	AL value SM-100	3100	3100	2300	2900
	Core loss PL-7	0.50	0.50	0.80	0.52
	Core loss PL-9	0.46	0.46	0.73	0.47
	Core loss PL-11	0.46	0.46	0.73	0.47
	Core loss PL-13	0.44	0.44	0.70	0.45
	Core loss PL-15	0.41	0.41	0.65	0.42

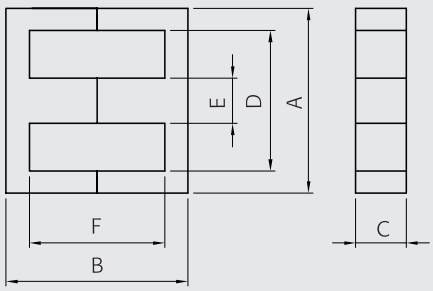
Note : 1) Core Loss
- Unit : Watt max.
- Measuring conditions
  PL-7, PL-11, PL-15 : 100kHz, 200mT, at 100℃
  PL-9, PL-13 : 100kHz, 200mT, at 80℃
  [1] 100kHz, 100mT, at 100℃
  [2] 25kHz, 200mT, at 100℃

2) AL value
- Unit : nH/N^2
- Measuring conditions : 1kHz, 0.1V, 23℃
- Tolerance : ±25%
- SM-100 : Non mirror grinding

	EE2020A	EE2020S	EE2027S	EE2218S	EE2219S	EE2220S	EE2229S	EE2329S	EE2519S
	EE	EE	EE	EE	EE	EE	EE	EE	EE
A	20.00 $^{+0.70}_{-0.40}$	20.40 $^{+0.00}_{-0.80}$	20.00 ±0.40	22.00 ±0.40	22.00 ±0.40	22.10 ±0.40	22.00 ±0.40	23.00 ±0.40	25.40 ±0.40
B	20.40 $^{+0.00}_{-0.80}$	20.20 $^{+0.00}_{-0.40}$	27.30 ±0.50	18.90 ±0.40	18.60 ±0.40	19.80 ±0.30	29.40 $^{+0.00}_{-0.80}$	29.40 $^{+0.00}_{-0.80}$	19.05 ±0.40
C	5.30 $^{+0.00}_{-0.40}$	5.90 $^{+0.00}_{-0.40}$	5.10 $^{+0.00}_{-0.50}$	6.00 $^{+0.00}_{-0.60}$	6.00 $^{+0.00}_{-0.60}$	5.00 ±0.25	6.00 $^{+0.00}_{-0.50}$	6.00 $^{+0.00}_{-0.50}$	6.35 ±0.30
D	14.10 ±0.30	14.10 ±0.30	15.00 ±0.40	16.00 ±0.40	14.00 ±0.30	17.60 ±0.30	16.00 ±0.40	17.00 ±0.40	19.00 ±0.30
E	5.90 $^{+0.00}_{-0.30}$	5.90 $^{+0.00}_{-0.30}$	5.10 $^{+0.00}_{-0.50}$	6.00 $^{+0.00}_{-0.60}$	6.00 $^{+0.00}_{-0.60}$	4.00 ±0.30	6.00 $^{+0.00}_{-0.50}$	6.00 $^{+0.00}_{-0.50}$	6.35 ±0.30
F	14.00 $^{+0.60}_{-0.00}$	14.00 $^{+0.60}_{-0.00}$	22.80 ±0.50	10.90 ±0.30	10.60 ±0.30	15.20 ±0.30	21.40 $^{+0.00}_{-0.80}$	21.40 $^{+0.00}_{-0.80}$	12.70 ±0.30
C1 (mm^{-1})	1.423	1.432	2.708	1.143	1.018	2.352	1.790	1.813	1.188
Le (mm)	43.4	46.1	63.1	42.3	40.2	50.8	63.9	64.9	48.0
Ae (mm^2)	30.5	32.2	23.3	37.0	39.5	21.6	35.7	35.8	40.4
Ve (mm^3)	1320	1480	1470	1565	1590	1100	2280	2320	1940
Ac (mm^2)	25.5	32.7	23.5	34.2	32.4	20.0	33.0	33.0	40.3
Aw (mm^2)	53.3	61.8	115.0	55.9	43.9	103.0	111.0	122.0	80.3
W (g/set)	7.2	7.5	7.2	8.3	8.6	5.5	11.7	12.1	10.6
AL value	PL-7	1550	1540	830	1900	2200	950	1300	1250	1900
	PL-9	1850	1830	1000	2300	2500	1100	1450	1400	2200
	PL-11	1600	1600	900	2000	2300	1000	1400	1300	2000
	PL-13	1970	1950	1070	2450	2670	1170	1550	1490	2350
	PL-15	1600	1600	900	2000	2300	1000	1400	1300	2000
	SM-23T	1500	1500	800	1800	2100	900	1200	1200	1800
	SM-43T	2400	2400	1300	2900	3300	1500	2100	2100	2900
	SM-50	2800	2800	1550	3380	3800	1800	2400	2400	3400
	SM-60	3360	3360	1860	4050	4560	2160	2880	2880	4080
	SM-70S	3600	3600	2050	4310	4850	2300	3300	3300	4450
	SM-100	4000	4000	2300	4700	5300	2500	3600	3600	4900
Core loss	PL-7	0.73	0.81	0.81	0.86	0.87	0.61	1.25	1.28	1.07
	PL-9	0.66	0.74	0.74	0.78	0.80	0.55	1.14	1.16	0.97
	PL-11	0.66	0.74	0.74	0.78	0.80	0.55	1.14	1.16	0.97
	PL-13	0.63	0.71	0.71	0.75	0.76	0.53	1.09	1.11	0.93
	PL-15	0.59	0.67	0.66	0.70	0.72	0.50	1.03	1.04	0.87

EE CORES





EE

Part No.		EE2520S	EE2525F	EE2525S	EE2525W
Type		EE	EE	EE	EE
Dimensions in mm	A	25.00 ±0.40	25.0 ±0.75	24.50 ±0.40	25.05 ±0.75
	B	20.00 ±0.40	25.10 ±0.50	25.00 ±0.40	25.10 ±0.50
	C	6.55 ±0.30	7.20 ±0.30	7.00 ±0.30	10.75 ±0.30
	D	18.60 ±0.30	17.90 ±0.40	17.90 ±0.40	17.90 ±0.40
	E	6.55 ±0.30	7.20 ±0.25	7.30 ±0.20	7.25 ±0.25
	F	13.60 ±0.30	17.90 ±0.50	18.40 ±0.40	17.90 ±0.50
Core Set Parameters	C1 (mm^{-1})	1.171	1.116	1.212	0.748
	Le (mm)	49.4	57.8	57.8	57.8
	Ae (mm^2)	42.2	51.8	47.7	77.3
	Ve (mm^3)	2080	2990	2760	4470
	Ac (mm^2)	42.9	52.1	51.1	77.9
	Aw (mm^2)	81.9	95.3	97.5	95.3
	W (g/set)	10.5	15.2	13.1	21.9
Electrical Characteristics(1)(2)	AL value PL-7	1950	2100	1850	3150
	AL value PL-9	2300	2350	2150	3500
	AL value PL-11	2000	2200	1900	3300
	AL value PL-13	2450	2510	2290	3730
	AL value PL-15	2000	2200	1900	3300
	AL value SM-23T	1900	2000	1800	3000
	AL value SM-43T	3100	3400	2800	5000
	AL value SM-50	3550	4000	3300	5800
	AL value SM-60	4260	4800	3960	6960
	AL value SM-70S	4450	4900	4300	7500
	AL value SM-100	4900	5400	4700	8300
	Core loss PL-7	1.14	1.64	1.52	2.46
	Core loss PL-9	1.04	1.50	1.38	2.24
	Core loss PL-11	1.04	1.50	1.38	2.24
	Core loss PL-13	1.00	1.44	1.32	2.15
	Core loss PL-15	0.94	1.35	1.24	2.01

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℃

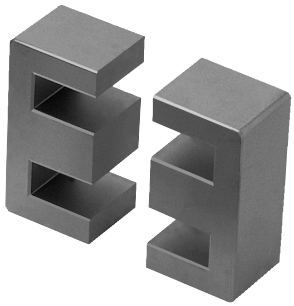
2) AL value
- Unit : nH/N^2
- Measuring conditions : 1kHz, 0.1V, 23℃
- Tolerance : ±25%
- SM-100 : Non mirror grinding

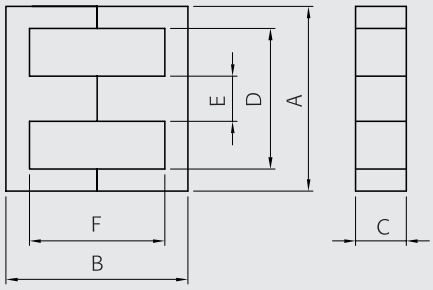
	EE2532B	EE2532S	EE2722S	EE2821S	EE2821SC	EE2825S	EE2828S	EE2834S	EE3026A
	EE	EE	EE	EE	EE	EE	EE	EE	EE
A	25.30 +0.50 -0.30	25.30 +0.50 -0.30	27.00 ±0.50	28.00 ±0.40	28.50 ±0.50	28.00 ±0.50	28.40 ±0.40	28.00 ±0.40	30.00 ±0.50
B	31.60 +0.60 -0.30	32.00 ±0.40	22.00 ±0.40	21.00 ±0.50	20.90 ±0.40	25.50 ±0.60	28.40 ±0.40	34.60 ±0.40	26.00 ±0.50
C	6.35 ±0.25	7.00 +0.00 -0.50	11.00 ±0.50	11.50 +0.00 -0.50	10.90 ±0.30	10.60 ±0.20	10.70 ±0.30	11.00 +0.00 -0.60	10.00 +0.00 -0.60
D	19.30 +0.40 -0.20	19.30 +0.40 -0.20	19.20 min.	19.30 ±0.30	20.50 ±0.30	18.60 min.	20.40 ±0.40	18.60 min.	20.00 ±0.40
E	6.50 +0.30 -0.25	6.50 +0.30 -0.25	7.30 ±0.50	8.00 ±0.30	7.30 ±0.30	7.20 ±0.30	7.20 ±0.30	7.50 +0.00 -0.60	10.00 +0.00 -0.60
F	25.40 ±0.60	25.40 ±0.60	14.50 ±0.40	11.40 ±0.50	13.30 ±0.40	16.50 ±0.40	19.40 ±0.40	25.60 ±0.40	16.00 ±0.30

C1 (mm^{-1})	1.847	1.747	0.654	0.492		0.664	0.763	0.868	0.603
Le (mm)	73.5	73.9	53.0	48.0	51.7	57.7	64.6	75.6	57.9
Ae (mm^2)	39.8	42.3	81.1	97.5	82.9	86.9	84.7	87.1	95.9
Ve (mm^3)	2930	3130	4297	4680	4290	5010	5470	6580	5550
Ac (mm^2)	41.4	44.0	84.3	89.1	79.5	76.3	77.0	77.0	94.0
Aw (mm^2)	163.0	164.0	86.1	64.4	87.7	98.1	128.0	151.0	82.4
W (g/set)	14.4	15.4	21.7	21.4	21.2	26.1	27.6	33.8	32.0

AL value	PL-7	1200	1300	3200	4350	3500	3300	3000	2600	3550
	PL-9	1400	1500	3700	5050	4050	3850	3400	3050	4150
	PL-11	1300	1400	3300	4500	3700	3400	3100	2700	3700
	PL-13	1490	1600	3940	5380	4320	4100	3620	3250	4420
	PL-15	1300	1400	3300	4500	3700	3400	3100	2700	3700
	SM-23T	1200	1200	3100	4200	3400	3200	2900	2500	3400
	SM-43T	2200	2300	5800	7700	6100	5700	5000	4400	6300
	SM-50	2500	2640	6720	8940	7060	6630	5770	5070	7300
	SM-60	3000	3170	8070	10730	8470	7950	6930	6090	8760
	SM-70S	3300	3440	9370	12460	9840	9230	8040	7070	10200
	SM-100	3600	3800	10300	13700	10800	10200	8800	7800	11200
Core loss	PL-7	1.61	1.72	2.36	2.57	2.36	2.76	3.01	3.62	3.42
	PL-9	1.47	1.57	2.15	2.34	2.15	2.51	2.74	3.29	3.11
	PL-11	1.47	1.57	2.15	2.34	2.15	2.51	2.74	3.29	3.11
	PL-13	1.41	1.50	2.06	2.25	2.06	2.40	2.63	3.16	2.98
	PL-15	1.32	1.41	1.93	2.11	1.93	2.25	2.46	2.96	2.79

EE CORES





EE

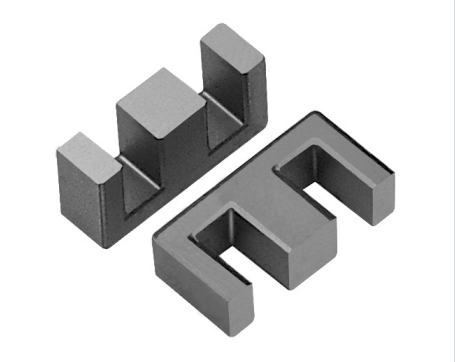
Part No.		EE3026S	EE3030A	EE3030S	EE3232S
Type		EE	EE	EE	EE
Dimensions in mm	A	30.00 ±0.50	30.00 ±0.50	30.00 ±0.50	32.10 ±0.80
	B	26.60 ±0.40	30.40 ±0.60	30.00 ±0.20	32.20 ±0.60
	C	10.70 ±0.30	11.80 ±0.30	7.10 ±0.20	9.15 ±0.20
	D	19.50 min.	22.30 min.	19.90 ±0.40	23.20 ±0.50
	E	10.70 ±0.30	7.20 ±0.30	6.90 ±0.30	9.20 ±0.30
	F	16.60 ±0.30	23.20 ±0.60	19.90 ±0.50	23.00 ±0.60
Core Set Parameters	C1 (mm^{-1})	0.541	0.862	1.090	0.894
	Le (mm)	57.9	73.3	65.4	74.3
	Ae (mm^2)	107.0	85.0	60.0	83.1
	Ve (mm^3)	6210	6231	3920	6180
	Ac (mm^2)	114.0	85.0	48.9	84.1
	Aw (mm^2)	77.1	181.0	129.0	161.0
	W (g/set)	32.2	32	21.8	30.4
Electrical Characteristics(1)(2)	AL value PL-7	4000	2400	2000	2400
	AL value PL-9	4800	2800	2350	2850
	AL value PL-11	4200	2600	2100	2500
	AL value PL-13	5120	2980	2510	3040
	AL value PL-15	4200	2600	2100	2500
	AL value SM-23T	3800	2300		
	AL value SM-43T	7000	4390		
	AL value SM-50	8160	5100		
	AL value SM-60	9790	6120		
	AL value SM-70S	11300	7110		
	AL value SM-100	12400	7800		
	Core loss PL-7	3.42	3.43	2.16	3.40
	Core loss PL-9	3.11	3.12	1.96	3.09
	Core loss PL-11	3.11	3.12	1.96	3.09
	Core loss PL-13	2.98	2.99	1.88	2.97
	Core loss PL-15	2.79	2.80	1.76	2.78

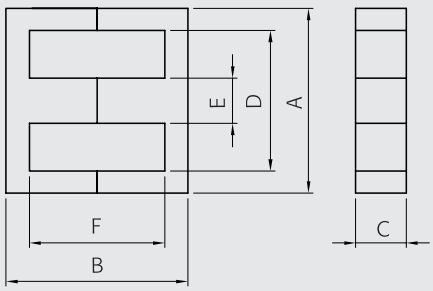
Note : 1) Core Loss
- Unit : Watt max.
- Measuring conditions
  PL-7, PL-11, PL-15 : 100kHz, 200mT, at 100℃
  PL-9, PL-13 : 100kHz, 200mT, at 80℃
  1) 100kHz, 100mT, at 100℃
  2) 25kHz, 200mT, at 100℃

2) AL value
- Unit : nH/N^2
- Measuring conditions : 1kHz, 0.1V, 23℃
- Tolerance : ±25%
- SM-100 : Non mirror grinding

	EE3327S	EE3528S	EE3529S	EE3530S	EE3549S	EE3643S	EE4035S	EE4133B	EE4133N
	EE	EE	EE	EE	EE	EE	EE	EE	EE
A	33.40 ±0.50	34.60 ±0.50	34.70 ±0.40	35.00 ±0.50	35.00 ±0.50	36.00 ±0.70	40.00 +0.70 -0.50	41.50 ±0.80	41.50 ±0.80
B	27.40 +1.00 -0.00	28.60 ±0.60	28.75 ±0.40	30.20 ±0.50	48.80 ±0.40	43.10 ±0.40	34.50 +0.80 -0.20	33.00 ±0.40	34.00 ±0.40
C	13.00 +0.00 -0.60	9.30 ±0.30	9.20 +0.25 -0.30	12.00 +0.00 -0.50	10.00 ±0.30	11.75 ±0.25	12.00 +0.00 -0.70	12.70 ±0.25	12.70 ±0.25
D	24.60 ±0.40	25.60 ±0.50	25.40 ±0.40	25.00 ±0.40	24.50 min.	25.10 ±0.60	27.50 +0.70 -0.00	28.80 min.	29.00 min.
E	10.00 +0.00 -0.60	9.40 ±0.25	9.40 ±0.20	10.30 +0.00 -0.50	10.00 ±0.30	9.95 ±0.25	12.00 +0.00 -0.70	12.50 ±0.20	12.50 ±0.20
F	18.80 +1.00 -0.00	19.60 ±0.50	19.25 ±0.40	18.20 ±0.30	36.60 ±0.40	32.10 ±0.60	20.40 +0.20 -0.40	20.80 ±0.40	21.20 ±0.40
C1 (mm^{-1})	0.591	0.822	0.804	0.551	1.000	0.780	0.524	0.509	0.503
Le (mm)	67.4	69.7	69.3	68.3	104.0	96.0	77.1	77.6	79.0
Ae (mm^2)	114.0	84.8	86.2	124.0	104.0	123.0	147.0	152.5	157.0
Ve (mm^3)	7690	5910	5970	8500	10900	11870	11370	11825	12470
Ac (mm^2)	123.0	87.4	86.2	118.0	100.0	116.0	135.0	158.0	158.0
Aw (mm^2)	143.0	158.0	154.0	136.0	270.0	243.0	164.0	177.8	180.0
W (g/set)	39	29.5	30.4	42.9	56	60	60	63	63
AL value	PL-7	3700	2600	2850	4000	2200	2850	4000	4200	4200
	PL-9	4300	3100	3250	4700	2600	3300	4800	4800	4900
	PL-11	3900	2700	3000	4200	2300	3000	4200	4300	4400
	PL-13	4580	3300	3460	5010	2770	3520	5120	5120	5220
	PL-15	3900	2700	3000	4200	2300	3000	4200	4300	4400
Core loss	PL-7	4.23	3.25	3.28	4.68	6.00	6.53	6.25	6.50	6.86
	PL-9	3.85	2.96	2.99	4.25	5.45	5.94	5.69	5.91	6.24
	PL-11	3.85	2.96	2.99	4.25	5.45	5.94	5.69	5.91	6.24
	PL-13	3.69	2.84	2.87	4.08	5.23	5.70	5.46	5.68	5.99
	PL-15	3.46	2.66	2.69	3.83	4.91	5.34	5.12	5.32	5.61

EE CORES





EE

Part No.		EE4133S	EE4242B	EE4242S	EE5040S
Type		EE	EE	EE	EE
Dimensions in mm	A	41.28 ±0.80	42.00 +1.00 -0.70	42.00 +1.00 -0.70	50.15 +0.70 -0.50
	B	33.52 ±0.40	42.40 ±0.40	42.40 ±0.40	41.90 ±0.50
	C	12.70 ±0.25	15.00 ±0.30	20.00 +0.00 -0.80	15.70 +0.00 -0.50
	D	28.01 min.	29.50 +1.20 -0.00	29.50 +1.20 -0.00	33.00 ±0.50
	E	12.70 ±0.25	12.20 +0.00 -0.50	12.20 +0.00 -0.50	15.70 +0.00 -0.50
	F	20.82 ±0.40	30.00 +0.80 -0.00	30.00 +0.80 -0.00	24.90 ±0.50
Core Set Parameters	C1(mm^{-1})	0.480	0.550	0.416	0.367
	Le(mm)	77.5	97.9	97.8	93.3
	Ae(mm^2)	161.3	178.0	235.0	254.0
	Ve(mm^3)	12501	17510	23000	23790
	Ac(mm^2)	151.8	176.0	234.0	238.0
	Aw(mm^2)	164.6	278.0	275.0	218.0
	W(g/set)	64	88	116	121
Electrical Characteristics(1)(2)	AL value PL-7	4400	3800	5000	5800
	AL value PL-9	5100	4500	6000	6800
	AL value PL-11	4600	4000	5200	6000
	AL value PL-13	5440	4800	6400	7250
	AL value PL-15	4600	4000	5200	6000
	Core loss PL-7	6.88	9.63	12.65	1.89 2)
	Core loss PL-9	6.25	8.76	11.50	1.70 2)
	Core loss PL-11	6.25	8.76	11.50	1.70 2)
	Core loss PL-13	6.00	8.40	11.04	1.70 2)
	Core loss PL-15	5.63	7.88	10.35	1.53 2)

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/N^2
- Measuring conditions : 1kHz, 0.1V, 23℃
- Tolerance : ±25%
- SM-100 : Non mirror grinding

		EE5555A	EE5555S	EE6565S	EE7066A	EE7166S	EE8076S
		EE	EE	EE	EE	EE	EE
A		55.15 ±1.05	55.15 ±1.05	65.15 ±1.35	70.00 ±1.00	70.50 ±1.00	80.00 ±0.80
B		55.00 ±0.60	55.00 ±0.60	65.00 ±0.60	33.00 ±0.20	33.20 $^{+0.00}_{-0.50}$	76.10 ±0.40
C		21.00 $^{+0.00}_{-0.80}$	24.70 ±0.30	27.00 ±0.40	31.60 ±0.50	31.60 ±0.40	20.00 ±0.40
D		38.10 ±0.60	38.10 ±0.60	45.10 ±0.90	48.60 ±0.70	48.50 ±0.50	60.00 ±0.60
E		16.95 ±0.25	16.95 ±0.25	19.65 ±0.35	21.50 ±0.40	21.60 ±0.30	20.00 ±0.40
F		37.60 ±0.60	37.60 ±0.60	45.20 ±0.80	22.20 ±0.20	21.90 $^{+0.70}_{-0.00}$	56.10 ±0.60
C1 (mm^{-1})		0.349	0.291	0.275	0.220	0.218	0.475
Le (mm)		123.0	123.0	147.0	149.7	149.0	189.8
Ae (mm^2)		352.0	422.0	535.0	679.2	683.0	400.0
Ve (mm^3)		43470	52130	78700	101683	102000	75920
Ac (mm^2)		349.0	418.0	530.0	679.4	701.0	400.0
Aw (mm^2)		397.0	397.0	575.0	601.6	550.0	1122.0
W (g/set)		219	263	398	490	490	379
AL value	PL-7	6000	7200	8000	9500	9500	4500
	PL-9	7100	9000	9600	11500	11500	5200
	PL-11	6300	6300	8000	10000	10000	4700
	PL-13	8500	9000	10000	12500	12500	5540
	PL-15	6300	6300	8000	10000	10000	4700
Core loss	PL-7	3.75 [1)]	5.00 [1)]	6.30 [2)]	10.20 [1)]	10.30 [1)]	6.60 [2)]
	PL-9	3.30 [1)]	4.50 [1)]	5.70 [2)]	9.20 [1)]	9.30 [1)]	6.00 [2)]
	PL-11	3.30 [1)]	4.50 [1)]	5.70 [2)]	9.20 [1)]	9.30 [1)]	6.00 [2)]
	PL-13	3.30 [1)]	4.50 [1)]	5.70 [2)]	9.20 [1)]	9.30 [1)]	6.00 [2)]
	PL-15	3.10 [1)]	4.20 [1)]	5.30 [2)]	8.60 [1)]	8.70 [1)]	5.60 [2)]