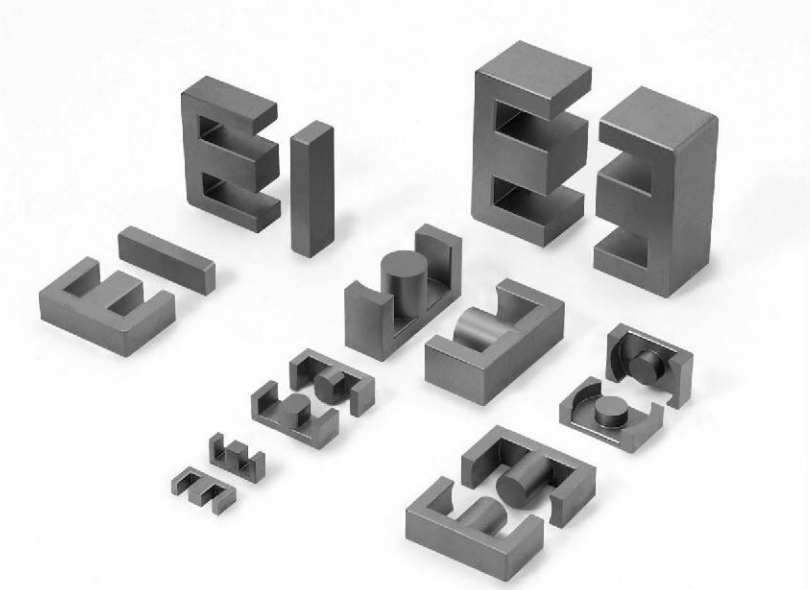


E CORES

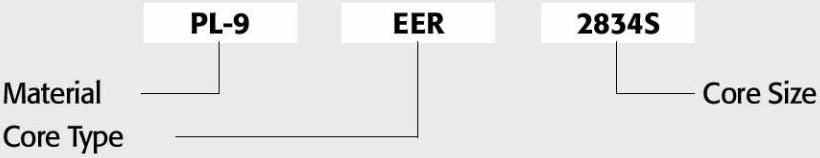
EE05~EE80

EI13~EI70

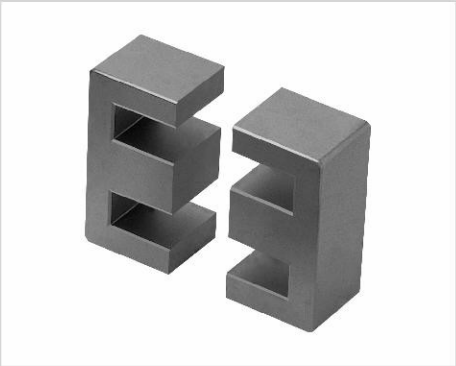
EER09~EER60

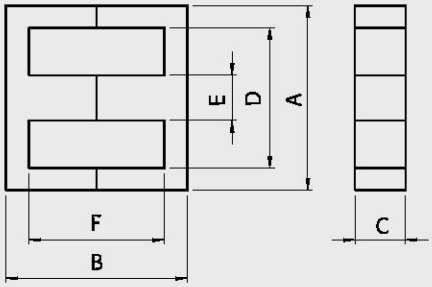
EED28~EED42

Ordering Code System



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	3.85 ref.	3.70 ±0.10	6.35 ±0.20	5.30 ±0.30
	E	1.35 ±0.10	1.35 ±0.10	2.00 ±0.15	1.90 ±0.13
	F	4.00 ref.	3.80 ±0.10	6.00 ±0.20	4.32 ±0.26
Core Set Parameters	C1 (mm^{-1})	4.780	3.700	2.960	3.130
	Le(mm)	12.6	12.2	19.7	15.7
	Ae(mm^2)	2.6	3.3	6.7	5.0
	Ve(mm^3)	33	40	131	78
	Ac(mm^2)	2.6	2.6	6.0	3.6
	Aw(mm^2)	5.0	4.5	14	7.3
	W(g/set)	0.2	0.2	0.7	0.5
Electrical Characteristics(1)(2)	AL value PL-5	285	405	590	540
	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 SM-50	450	600	900	810
	AL value SM-60	540	720	1080	970
	AL value SM-70S	530	760	1100	1000
	AL value SM-100	830	1200	1550	1550
	Core loss PL-5	0.03	0.03	0.09	0.07
	Core loss PL-7	0.02	0.02	0.08	0.05
	Core loss PL-9	0.02	0.02	0.06	0.04
	Core loss PL-11	0.02	0.02	0.06	0.04

Note : 1) Core loss
- Unit : Watt max.
- Measuring conditions
  PL-5, PL-7, PL-11 : 100 kHz, 200 mT, at 100℃
  PL-9 : 100 kHz, 200 mT, at 80℃

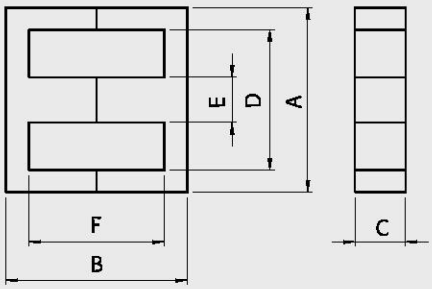
2) AL value
- Unit : nH/N^2
- Measuring conditions : 1 kHz, 0.1 V, 100Ts, at 23℃
- Tolerance: ±25% (SM-100 Mirror-grind :±30%)

	EE1010S	EE1011S	EE1308S	EE1312N	EE1312S	EE1313S	EE1612S	EE1614S	EE1616S
	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
A	10.30 ±0.20	10.20 $^{+0.30}_{-0.10}$	12.70 $^{+0}_{-0.35}$	13.00 ±0.30	13.00 ±0.30	12.60 $^{+0.50}_{-0.40}$	16.10 ±0.60	16.00 ±0.30	16.10 ±0.60
B	10.20 ±0.20	11.00 $^{+0.30}_{-0.20}$	7.84 $^{+0.10}_{-0.20}$	12.30 ±0.30	12.00 ±0.30	13.00 $^{+0}_{-0.40}$	11.60 ±0.30	14.20 $^{+0.40}_{-0}$	16.10 ±0.30
C	2.80 ±0.20	4.90 $^{+0}_{-0.30}$	6.50 $^{+0}_{-0.35}$	6.40 $^{+0.20}_{-0.10}$	5.90 ±0.20	3.70 $^{+0}_{-0.30}$	7.25 ±0.25	5.00 $^{+0}_{-0.40}$	4.50 ±0.20
D	7.90 ±0.20	7.80 $^{+0.30}_{-0.10}$	10.50 ±0.20	10.20 $^{+0.30}_{-0.10}$	10.20 ±0.20	8.90 $^{+0.60}_{-0}$	11.60 ±0.30	12.00 ±0.30	11.30 min.
E	2.30 ±0.20	2.40 ±0.20	3.18 ±0.10	3.80 $^{+0.05}_{-0.25}$	3.18 ±0.10	3.70 $^{+0}_{-0.30}$	4.55 ±0.15	4.00 $^{+0}_{-0.40}$	4.55 ±0.15
F	7.90 ±0.20	8.60 $^{+0.30}_{-0.20}$	5.75 ±0.20	8.60 ±0.15	5.75 ±0.20	9.00 $^{+0.60}_{-0}$	7.50 ±0.40	10.40 $^{+0.50}_{-0}$	11.80 ±0.40

C1 (mm^{-1})	3.830	2.330	1.550	1.374	1.883	2.390	0.911	1.921	1.930
Le(mm)	25.0	26.6	21.8	28.6	30.3	29.7	28.8	35.5	37.7
Ae(mm^2)	6.5	11.4	14.0	20.8	16.0	12.4	31.6	18.4	19.5
Ve(mm^3)	163	302	305	595	487	369	909	655	737
Ac(mm^2)	6.4	11.4	20.1	23.8	15.3	12.6	33.0	18.2	20.4
Aw(mm^2)	22.1	23.7	21.0	28.3	34.9	26.2	26.4	43.6	43.3
W(g/set)	0.8	1.5	1.6	3.1	2.4	1.8	4.7	3.2	3.7

A_L value	PL-5	430	810	1250	1450	1000	810	2300	1100	1100
	PL-7	430	810	1250	1450	1000	810	2300	1100	1100
	PL-9	480	940	1430	1650	1200	940	2700	1300	1300
	PL-11	440	800	1300	1500	1000	800	2400	1200	1200
	SM-50	750	1400	2000	2350	1750	1350	4200	1900	2000
	SM-60	900	1680	2400	2820	2100	1620	5040	2280	2400
	SM-70S	1000	1750	2500	3000	2200	1700	7560	2300	2600
	SM-100	1700	2500	3650	4500	3350	2600	8200	3400	3550
Core loss	PL-5	0.11	0.20	0.20	0.36	0.30	0.23	0.54	0.40	0.45
	PL-7	0.09	0.16	0.16	0.30	0.25	0.19	0.45	0.33	0.38
	PL-9	0.08	0.14	0.14	0.27	0.22	0.17	0.41	0.30	0.31
	PL-11	0.08	0.14	0.14	0.27	0.22	0.17	0.41	0.30	0.31

EE CORES



EE - ⓐ

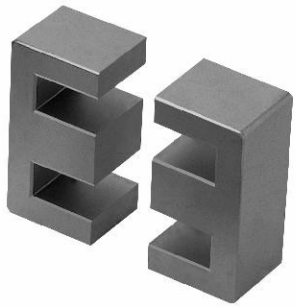
Part No.		EE1625S	EE1916B	EE1916S	EE1927S
Type		EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
Dimensions in mm	A	16.00 ±0.40	19.00 ±0.30	19.00 ±0.30	19.00 ±0.30
	B	24.50 ±0.40	15.90 ±0.40	16.10 ±0.40	27.30 ±0.50
	C	5.10 $^{+0}_{-0.40}$	5.10 $^{+0}_{-0.50}$	5.20 $^{+0}_{-0.40}$	5.10 $^{+0}_{-0.50}$
	D	12.00 ±0.30	4.00 ±0.30	14.50 ±0.30	14.00 ±0.30
	E	4.20 $^{+0}_{-0.40}$	5.10 $^{+0}_{-0.50}$	4.70 $^{+0}_{-0.50}$	5.10 $^{+0}_{-0.50}$
	F	20.40 ±0.40	11.30 ±0.30	11.30 ±0.30	22.80 ±0.50
Core Set Parameters	C1 (mm^{-1})	2.800	1.680	1.743	2.650
	Le(mm)	55.2	39.2	39.9	62.1
	Ae(mm^2)	19.6	23.3	22.8	23.4
	Ve(mm^3)	1080	914	913	1450
	Ac(mm^2)	19.6	23.5	22.2	23.5
	Aw(mm^2)	81.5	51.6	56.7	104.0
	W(g/set)	5.3	4.6	4.6	7.2
Electrical Characteristics[1][2]	A_L value PL-5	750	1300	1250	840
	A_L value PL-7	750	1300	1250	840
	A_L value PL-9	900	1530	1480	1000
	A_L value PL-11	800	1400	1300	900
	A_L value SM-50	1550	2250	2250	1550
	A_L value SM-60	1860	2700	2700	1860
	A_L value SM-70S	1900	2800	2800	2050
	A_L value SM-100	2550	3850	3850	2750
	Core loss PL-5	0.65	0.55	0.55	0.87
	Core loss PL-7	0.54	0.46	0.46	0.73
	Core loss PL-9	0.45	0.38	0.38	0.60
	Core loss PL-11	0.45	0.38	0.38	0.60

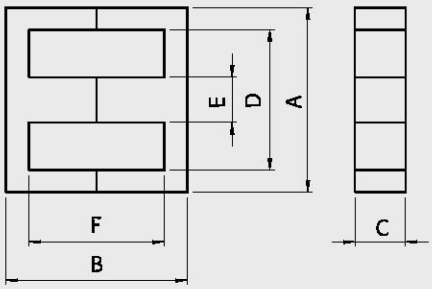
Note : 1) Core loss
- Unit : Watt max.
- Measuring conditions
  PL-5, PL-7, PL-11 : 100 kHz, 200 mT, at 100℃
  PL-9 : 100 kHz, 200 mT, at 80℃

2) A_L value
- Unit : nH/N^2
- Measuring conditions : 1 kHz, 0.1 V, 100Ts, at 23℃
- Tolerance: ±25% (SM-100 Mirror-grind :±30%)

	EE2017S	EE2020A	EE2020S	EE2027S	EE2218S	EE2219S	EE2220S	EE2229S	EE2329S
	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
A	20.30 ± 0.40	20.00 $^{+0.70}_{-0.40}$	20.40 $^{+0}_{-0.80}$	20.00 ± 0.40	22.00 ± 0.40	22.00 ± 0.40	22.10 ± 0.40	22.00 ± 0.40	23.00 ± 0.40
B	16.80 ± 0.40	20.40 $^{+0}_{-0.80}$	20.20 $^{+0}_{-0.40}$	27.30 ± 0.50	18.90 ± 0.40	18.60 ± 0.40	19.80 ± 0.30	29.40 $^{+0.80}_{-0}$	29.40 $^{+0.80}_{-0}$
C	4.80 ± 0.20	5.30 $^{+0}_{-0.40}$	5.90 $^{+0}_{-0.40}$	5.10 $^{+0}_{-0.50}$	6.00 $^{+0}_{-0.60}$	6.00 $^{+0}_{-0.60}$	5.00 ± 0.25	6.00 $^{+0}_{-0.50}$	6.00 $^{+0}_{-0.50}$
D	15.70 ± 0.40	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
E	4.80 ± 0.20	5.90 $^{+0}_{-0.30}$	5.90 $^{+0}_{-0.30}$	5.10 $^{+0}_{-0.50}$	6.00 $^{+0}_{-0.60}$	6.00 $^{+0}_{-0.60}$	4.00 ± 0.30	6.00 $^{+0}_{-0.50}$	6.00 $^{+0}_{-0.50}$
F	12.40 ± 0.40	14.00 $^{+0.60}_{-0}$	14.00 $^{+0.60}_{-0}$	22.80 ± 0.50	10.90 ± 0.30	10.60 ± 0.30	15.20 ± 0.30	21.40 $^{+0.80}_{-0}$	21.40 $^{+0.80}_{-0}$
C1 (mm^{-1})	1.943	1.420	1.431	2.700	1.143	1.016	2.340	1.787	1.809
Le(mm)	42.8	43.4	46.1	63.1	42.3	40.2	50.8	63.9	64.9
Ae(mm^2)	22.0	30.5	32.2	23.3	37.0	39.5	21.6	35.7	35.8
Ve(mm^3)	942	1320	1480	1470	1565	1590	1100	2280	2320
Ac(mm^2)	23.0	25.5	32.7	23.5	34.2	32.4	20.0	33.0	33.0
Aw(mm^2)	67.5	53.3	61.8	115.0	55.9	43.9	103.0	111.0	122.0
W(g/set)	4.7	7.3	7.5	7.3	8.5	8.7	5.5	11	12
A_L value PL-5	1100	1550	1540	830	1900	2200	950	1300	1250
A_L value PL-7	1100	1550	1540	830	1900	2200	950	1300	1250
A_L value PL-9	1300	1850	1830	1000	2300	2500	1100	1450	1400
A_L value PL-11	1200	1600	1600	900	2000	2300	1000	1400	1300
A_L value SM-50	2000	2800	2800	1550	3380	3800	1800	2400	2400
A_L value SM-60	2400	3360	3360	1860	4050	4560	2160	2880	2880
A_L value SM-70S	2600	3600	3600	2050	4310	4850	2300	3300	3300
A_L value SM-100	3500	4850	4850	2700	5910	6650	3000	4100	4100
Core loss PL-5	0.57	0.80	0.89	0.89	0.91	0.96	0.66	1.37	1.40
Core loss PL-7	0.48	0.67	0.74	0.74	0.77	0.80	0.55	1.15	1.16
Core loss PL-9	0.39	0.55	0.61	0.61	0.71	0.66	0.46	0.94	0.96
Core loss PL-11	0.39	0.55	0.61	0.61	0.71	0.66	0.46	0.94	0.96

EE CORES





EE - ⓐ

Part No.		EE2518W	EE2519S	EE2520S	EE2520ST
Type		EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
Dimensions in mm	A	25.05 ±0.75	25.40 ±0.40	25.00 ±0.40	25.40 ±0.40
	B	18.10 ±0.50	19.05 ±0.40	20.00 ±0.40	19.95 ±0.40
	C	10.75 ±0.30	6.35 ±0.30	6.55 ±0.30	6.35 ±0.30
	D	17.90 ±0.40	19.00 ±0.30	18.60 ±0.30	19.00 ±0.30
	E	7.25 ±0.25	6.35 ±0.30	6.55 ±0.30	6.35 ±0.30
	F	10.90 ±0.30	12.70 ±0.30	13.60 ±0.30	13.60 ±0.30
Core Set Parameters	C1 (mm^{-1})	0.567	1.189	1.169	1.233
	Le(mm)	43.8	48.0	49.4	49.8
	Ae(mm^2)	77.3	40.4	42.2	40.4
	Ve(mm^3)	3386	1940	2080	2010
	Ac(mm^2)	77.9	40.3	42.9	40.3
	Aw(mm^2)	58.0	80.3	81.9	86.0
	W(g/set)	17	9.8	10	10
Electrical Characteristics[1][2]	A_L value PL-5	4200	1900	1950	1850
	A_L value PL-7	4200	1900	1950	1850
	A_L value PL-9	4900	2200	2300	2150
	A_L value PL-11	4300	2000	2000	1900
	A_L value SM-50	7130	3400	3550	3400
	A_L value SM-60	8560	4080	4260	4080
	A_L value SM-70S	9330	4450	4450	4400
	A_L value SM-100	12370	5900	6000	5700
	Core loss PL-5	2.00	1.17	1.25	1.21
	Core loss PL-7	1.70	0.97	1.05	1.01
	Core loss PL-9	1.56	0.80	0.86	0.83
	Core loss PL-11	1.56	0.80	0.86	0.83

Note : 1) Core loss
- Unit : Watt max.
- Measuring conditions
  PL-5, PL-7, PL-11 : 100 kHz, 200 mT, at 100℃
  PL-9 : 100 kHz, 200 mT, at 80℃

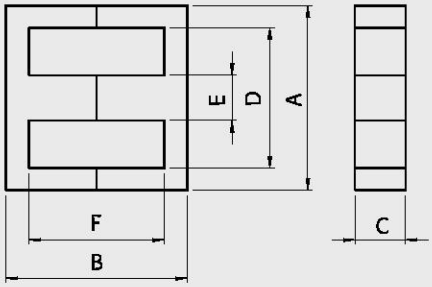
2) A_L value
- Unit : nH/N^2
- Measuring conditions : 1 kHz, 0.1 V, 100Ts, at 23℃
- Tolerance: ±25% (SM-100 Mirror-grind :±30%)

	EE2525F	EE2525S	EE2525W	EE2532B	EE2532S	EE2621S	EE2721S	EE2722S	EE2821S
	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
A	25.05 ±0.75	24.50 ±0.40	25.05 ±0.75	25.30 $^{+0.50}_{-0.30}$	25.30 $^{+0.50}_{-0.30}$	26.00 ±0.50	27.00 ±0.50	27.00 ±0.50	28.00 ±0.40
B	25.10 ±0.50	25.00 ±0.40	25.10 ±0.50	31.60 $^{+0.60}_{-0.30}$	32.00 ±0.40	21.10 ±0.40	21.10 ±0.40	22.00 ±0.40	21.00 ±0.50
C	7.20 ±0.30	7.00 ±0.30	10.75 ±0.30	6.35 ±0.25	7.00 $^{+0}_{-0.50}$	10.00 ±0.50	11.00 ±0.50	11.00 ±0.50	11.50 $^{+0}_{-0.50}$
D	17.90 ±0.40	17.90 ±0.40	17.90 ±0.40	19.30 $^{+0.40}_{-0.20}$	19.30 $^{+0.40}_{-0.20}$	19.00 min.	19.20 min.	19.20 min.	19.30 ±0.30
E	7.25 ±0.25	7.30 ±0.20	7.25 ±0.25	6.50 $^{+0.30}_{-0.25}$	6.50 $^{+0.30}_{-0.25}$	7.30 ±0.50	7.30 ±0.50	7.30 ±0.50	8.00 ±0.30
F	17.90 ±0.50	18.40 ±0.40	17.90 ±0.50	25.40 ±0.60	25.40 ±0.60	13.60 ±0.40	13.60 ±0.40	14.50 ±0.40	11.40 ±0.50

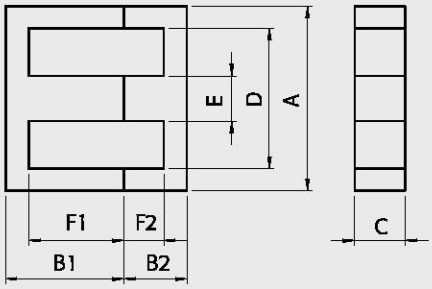
C1 (mm^{-1})	1.114	1.212	0.746	1.844	1.744	0.728	0.632	0.654	0.492
Le(mm)	57.8	57.8	57.8	73.5	73.9	50.9	51.2	53.0	48.0
Ae(mm^2)	51.8	47.7	77.3	39.8	42.3	69.9	81.1	81.1	97.5
Ve(mm^3)	2990	2760	4470	2930	3130	3558	4152	4297	4680
Ac(mm^2)	52.1	51.1	77.9	41.4	44.0	73.0	84.3	84.3	89.1
Aw(mm^2)	95.3	97.5	95.3	163.0	164.0	83.0	84.3	86.1	64.4
W(g/set)	15	14	22	14	16	22	21	22	24

A_L value	PL-5	2100	1850	3150	1200	1300	2900	3300	3200	4350
	PL-7	2100	1850	3150	1200	1300	2900	3300	3200	4350
	PL-9	2350	2150	3500	1400	1500	3400	3800	3700	5050
	PL-11	2200	1900	3300	1300	1400	3000	3400	3300	4500
	SM-50	4000	3300	5800	2500	2640	6040	6960	6720	8940
	SM-60	4800	3960	6960	3000	3170	7250	8350	8070	10730
	SM-70S	4900	4300	7500	3300	3440	8420	9700	9370	12460
	SM-100	6500	6000	9700	4100	4340	9490	10940	10500	14050
Core loss	PL-5	1.80	1.66	2.70	1.76	1.85	2.12	2.50	2.60	2.81
	PL-7	1.50	1.38	2.25	1.47	1.57	1.80	2.13	2.23	2.35
	PL-9	1.23	1.14	1.85	1.21	1.44	1.66	1.92	2.01	1.92
	PL-11	1.23	1.14	1.85	1.21	1.44	1.66	1.92	2.01	1.92

EE CORES



EE - ⓐ



EE - ⓑ

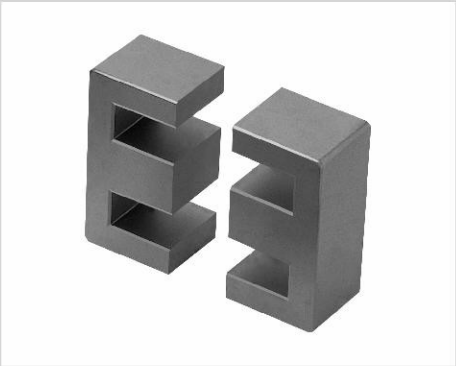
Part No.		EE2821SC	EE2825S	EE2828S	EE2834S
Type		EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
Dimensions in mm	A	28.50 ±0.50	28.00 ±0.50	28.40 ±0.40	28.00 ±0.40
	B	20.90 ±0.40	25.50 ±0.60	28.40 ±0.40	34.60 ±0.40
	C	10.90 ±0.30	10.60 ±0.20	10.70 ±0.30	11.00 $^{+0}_{-0.60}$
	D	20.50 ±0.30	18.60 min.	20.40 ±0.40	18.60 min.
	E	7.30 ±0.30	7.20 ±0.30	7.20 ±0.30	7.50 $^{+0}_{-0.60}$
	F	13.30 ±0.40	16.50 ±0.40	19.40 ±0.40	25.60 ±0.40
Core Set Parameters	C1 (mm^{-1})	0.623	0.664	0.762	0.867
	Le(mm)	51.7	57.7	64.6	75.6
	Ae(mm^2)	82.9	86.9	84.7	87.1
	Ve(mm^3)	4290	5010	5470	6580
	Ac(mm^2)	79.5	76.3	77.0	77.0
	Aw(mm^2)	87.7	98.1	128.0	151.0
	W(g/set)	21	26	28	28
Electrical Characteristics[1][2]	A_L value PL-5	3500	3300	3000	2600
	A_L value PL-7	3500	3300	3000	2600
	A_L value PL-9	4050	3850	3400	3050
	A_L value PL-11	3700	3400	3100	2700
	A_L value SM-50	7060	6630	5770	5070
	A_L value SM-60	8470	7950	6930	6090
	A_L value SM-70S	9840	9230	8040	7070
	A_L value SM-100	11100	10410	9070	7970
	Core loss PL-5	2.58	3.01	3.30	3.95
	Core loss PL-7	2.15	2.51	2.75	3.30
	Core loss PL-9	1.76	2.06	2.25	2.70
	Core loss PL-11	1.76	2.06	2.25	2.70

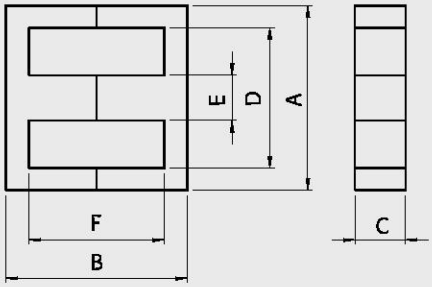
Note : 1) Core loss
- Unit : Watt max.
- Measuring conditions
  PL-5, PL-7, PL-11 : 100 kHz, 200 mT, at 100℃
  PL-9 : 100 kHz, 200 mT, at 80℃

2) A_L value
- Unit : nH/N^2
- Measuring conditions : 1 kHz, 0.1 V, 100Ts, at 23℃
- Tolerance: ±25% (SM-100 Mirror-grind :±30%)

	EE3026A	EE3026S	EE3030A	EE3030S	EE3232S	EE3327S	EE3335S	EE3528S	EE3529S
	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓑ	EE - ⓐ	EE - ⓐ
A	30.00 ±0.50	30.00 ±0.50	30.00 ±0.50	30.00 ±0.50	32.10 ±0.80	33.40 ±0.50	33.50 ±0.50	34.60 ±0.50	34.70 ±0.40
B	26.00 ±0.50	26.60 ±0.40	30.40 ±0.60	30.00 ±0.20	32.20 ±0.60	27.40 $^{+1.0}_{-0}$	B1:21.60 ±0.20 B2:13.30 ±0.20	28.60 ±0.60	28.75 ±0.40
C	10.00 $^{+0}_{-0.60}$	10.70 ±0.30	11.80 ±0.30	7.10 ±0.20	9.15 ±0.20	13.00 $^{+0}_{-0.60}$	12.70 ±0.30	9.30 ±0.30	9.20 $^{+0.25}_{-0.30}$
D	20.00 ±0.40	19.50 min.	22.30 min.	19.90 ±0.40	23.20 ±0.50	24.60 ±0.40	24.60 ±0.40	25.60 ±0.50	25.40 ±0.40
E	10.00 $^{+0}_{-0.60}$	10.70 ±0.30	7.20 ±0.30	6.90 ±0.30	9.20 ±0.30	10.00 $^{+0}_{-0.60}$	9.70 ±0.30	9.40 ±0.25	9.40 ±0.20
F	16.00 ±0.30	16.60 ±0.30	23.20 ±0.60	19.90 ±0.50	23.00 ±0.60	18.80 $^{+1.0}_{-0}$	F1:17.10 ±0.20 F2: 8.80 ±0.20	19.60 ±0.50	19.25 ±0.40
C1 (mm^{-1})	0.603	0.539	0.862	1.089	0.894	0.589	0.693	0.821	0.804
Le(mm)	57.9	57.9	73.3	65.4	74.3	67.4	81.0	69.7	69.3
Ae(mm^2)	107.0	107.0	85.0	60.0	83.1	114.0	116.0	84.8	86.2
Ve(mm^3)	6210	6210	6231	3920	6180	7690	9450	5910	5970
Ac(mm^2)	114.0	114.0	85.0	48.9	84.1	123.0	123.0	87.4	86.2
Aw(mm^2)	77.1	77.1	181.0	129.0	161.0	143.0	192.0	158.0	154.0
W(g/set)	32	32	32	21	31	39	47	29	30
A_L value PL-5	3550	4000	2400	2000	2400	3700	3300	2600	2850
A_L value PL-7	3550	4000	2400	2000	2400	3700	3300	2600	2850
A_L value PL-9	4150	4800	2800	2350	2850	4300	3700	3100	3250
A_L value PL-11	3700	4200	2600	2100	2500	3900	3400	2700	3000
A_L value SM-50	7300	8160	5100						
A_L value SM-60	8760	9790	6120						
A_L value SM-70S	10160	11370	7110						
A_L value SM-100	11470	12830	8020						
Core loss PL-5	3.35	3.75	3.74	2.36	3.71	4.62	5.70	3.55	3.60
Core loss PL-7	2.78	3.11	3.18	1.96	3.10	3.85	4.75	2.96	3.00
Core loss PL-9	2.28	2.55	2.87	1.61	2.54	3.16	3.90	2.43	2.45
Core loss PL-11	2.28	2.55	2.87	1.61	2.54	3.16	3.90	2.43	2.45

EE CORES





EE - ⓐ

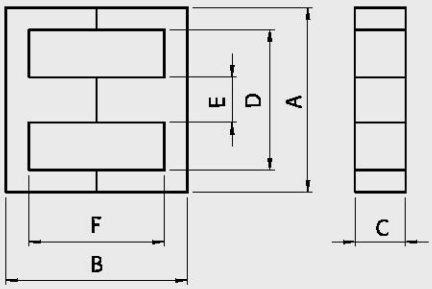
Part No.		EE3530S	EE3549S	EE3643S	EE4035S
Type		EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
Dimensions in mm	A	35.00 ±0.50	35.00 ±0.50	36.00 ±0.70	40.00 $^{+0.70}_{-0.50}$
	B	30.20 ±0.50	48.80 ±0.40	43.10 ±0.40	34.50 $^{+0.80}_{-0.20}$
	C	12.00 $^{+0}_{-0.50}$	10.00 ±0.30	11.75 ±0.25	12.00 $^{+0}_{-0.70}$
	D	25.00 ±0.40	24.50 min.	25.10 ±0.60	27.50 $^{+0.70}_{-0}$
	E	10.30 $^{+0}_{-0.50}$	10.00 ±0.30	9.95 ±0.25	12.00 $^{+0}_{-0.70}$
	F	18.20 ±0.30	36.60 ±0.40	32.10 ±0.60	20.40 $^{+0.20}_{-0.40}$
Core Set Parameters	C1 (mm^{-1})	0.549	0.994	0.776	0.523
	Le(mm)	68.3	104.0	96.0	77.1
	Ae(mm^2)	124.0	104.0	123.0	147.0
	Ve(mm^3)	8500	10900	11870	11370
	Ac(mm^2)	118.0	100.0	116.0	135.0
	Aw(mm^2)	136.0	270.0	243.0	164.0
	W(g/set)	44	56	60	59
Electrical Characteristics(1)(2)	A_L value PL-5	4000	2200	2850	4000
	A_L value PL-7	4000	2200	2850	4000
	A_L value PL-9	4700	2600	3300	4800
	A_L value PL-11	4200	2300	3000	4200
	Core loss PL-5	5.10	6.55	7.15	6.85
	Core loss PL-7	4.30	5.50	6.00	5.70
	Core loss PL-9	3.50	4.50	4.90	4.70
	Core loss PL-11	3.50	4.50	4.90	4.70

Note : 1) Core loss
- Unit : Watt max.
- Measuring conditions
  PL-5, PL-7, PL-11 : 100 kHz, 200 mT, at 100℃
  PL-9 : 100 kHz, 200 mT, at 80℃

2) A_L value
- Unit : nH/N^2
- Measuring conditions : 1 kHz, 0.1 V, 100Ts, at 23℃
- Tolerance: ±25%

	EE4133B	EE4133N	EE4133S	EE4242B	EE4242S	EE4740S	EE5040S	EE5555A	EE5555S
	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ	EE - ⓐ
A	41.50 ±0.80	41.50 ±0.80	41.28 ±0.80	42.00 $^{+1.00}_{-0.70}$	42.00 $^{+1.00}_{-0.70}$	47.12 ±0.76	50.15 $^{+0.70}_{-0.50}$	55.15 ±1.05	55.15 ±1.05
B	33.00 ±0.40	34.00 ±0.40	33.52 ±0.40	42.40 ±0.40	42.40 ±0.40	39.26 ±0.40	41.90 ±0.50	55.00 ±0.60	55.00 ±0.60
C	12.70 ±0.25	12.70 ±0.25	12.70 ±0.25	15.00 ±0.30	20.00 $^{+0}_{-0.80}$	15.62 ±0.25	15.70 $^{+0}_{-0.50}$	21.00 $^{+0}_{-0.80}$	24.70 ±0.30
D	28.80 min.	29.00 min.	28.01 min.	29.50 $^{+1.20}_{-0}$	29.50 $^{+1.20}_{-0}$	31.72 min.	33.00 ±0.50	38.10 ±0.60	38.10 ±0.60
E	12.50 ±0.20	12.50 ±0.20	12.70 ±0.25	12.20 $^{+0}_{-0.50}$	12.20 $^{+0}_{-0.50}$	15.62 ±0.25	15.70 $^{+0}_{-0.50}$	16.95 ±0.25	16.95 ±0.25
F	20.80 ±0.40	21.20 ±0.40	20.82 ±0.40	30.00 $^{+0.80}_{-0}$	30.00 $^{+0.80}_{-0}$	24.40 ±0.26	24.90 ±0.50	37.60 ±0.60	37.60 ±0.60
$C1$ (mm^{-1})	0.509	0.500	0.480	0.547	0.416	0.380	0.366	0.350	0.292
Le(mm)	77.6	79.0	77.5	97.9	97.8	89.2	93.3	123.0	123.0
Ae(mm^2)	152.5	157.0	161.3	178.0	235.0	234.0	254.0	352.0	422.0
Ve(mm^3)	11825	12470	12501	17510	23000	20920	23790	43470	52130
Ac(mm^2)	158.0	158.0	151.8	176.0	234.0	228.0	238.0	349.0	418.0
Aw(mm^2)	177.8	180.0	164.6	278.0	275.0	205.0	218.0	397.0	397.0
W(g/set)	63	64	64	88	116	107	123	221	265
AL value PL-5	4200	4200	4400	3800	5000	5500	5800	6000	7200
AL value PL-7	4200	4200	4400	3800	5000	5500	5800	6000	7200
AL value PL-9	4800	4900	5100	4500	6000	6600	6800	7100	8500
AL value PL-11	4300	4400	4600	4000	5200	5700	6000	6300	7500
Core loss PL-5	7.20	7.50	7.44	10.60	14.00	12.60	14.30	26.10	31.50
Core loss PL-7	6.00	6.25	6.20	8.80	11.60	10.50	12.00	22.00	26.50
Core loss PL-9	5.52	5.15	5.70	7.20	9.50	8.60	9.80	20.00	24.00
Core loss PL-11	5.52	5.15	5.70	7.20	9.50	8.60	9.80	20.00	24.00

EE CORES



EE - ⓐ

Part No.		EE5747S	EE6565S	EE8076S
Type		EE - ⓐ	EE - ⓐ	EE - ⓐ
Dimensions in mm	A	56.60 ±0.60	65.15 ±1.35	80.00 ±0.80
	B	47.30 ±0.50	65.00 ±0.60	76.10 ±0.40
	C	18.80 ±0.30	27.00 ±0.40	20.00 ±0.40
	D	38.60 ±0.50	45.10 ±0.90	60.00 ±0.60
	E	18.80 ±0.30	19.65 ±0.35	20.00 ±0.40
	F	29.30 ±0.60	45.20 ±0.80	56.10 ±0.60
Core Set Parameters	C1 (mm^{-1})	0.312	0.274	0.475
	Le(mm)	107.0	147.0	189.8
	Ae(mm^2)	343.0	535.0	400.0
	Ve(mm^3)	36710	78700	75920
	Ac(mm^2)	353.0	530.0	400.0
	Aw(mm^2)	290.0	575.0	1122.0
	W(g/set)	189	399	391
Electrical Characteristics(1)(2)	A_L value PL-5	7000	8000	4500
	A_L value PL-7	7000	8000	4500
	A_L value PL-9	8200	9150	5200
	A_L value PL-11	7300	8300	4700
	Core loss PL-5	22.50	48.00	45.80
	Core loss PL-7	19.00	40.00	38.30
	Core loss PL-9	17.00	36.00	34.50
	Core loss PL-11	17.00	36.00	34.50

Note : 1) Core loss
- Unit : Watt max.
- Measuring conditions
  PL-5, PL-7, PL-11 : 100 kHz, 200 mT, at 100℃
  PL-9 : 100 kHz, 200 mT, at 80℃

2) A_L value
- Unit : nH/N^2
- Measuring conditions : 1 kHz, 0.1 V, 100Ts, at 23℃
- Tolerance: ±25%