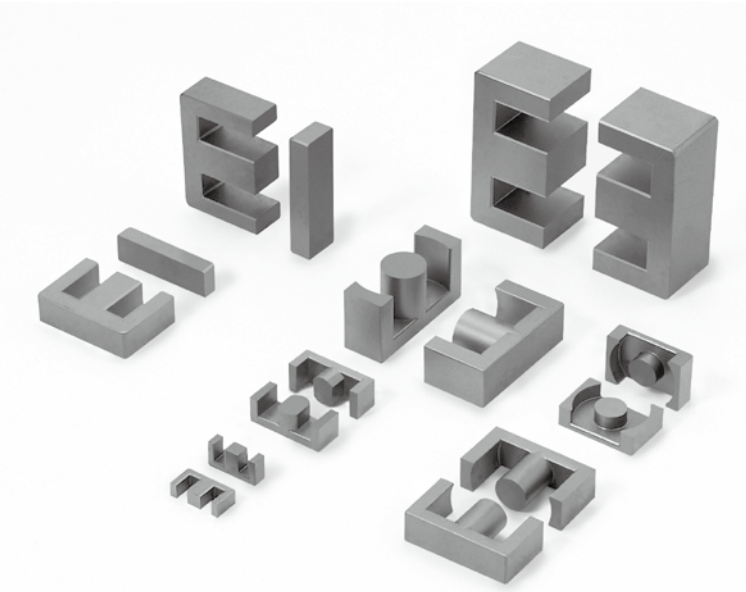
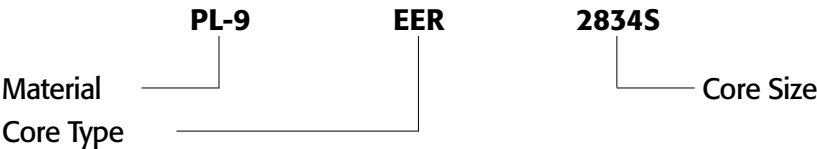




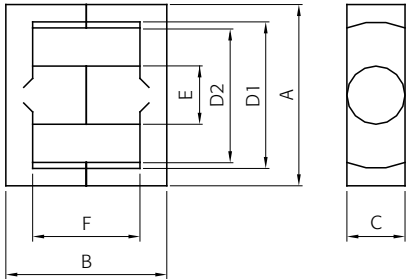
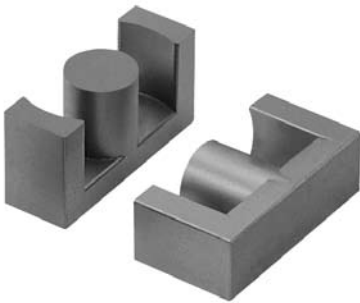
E CORES

EER09~EER60

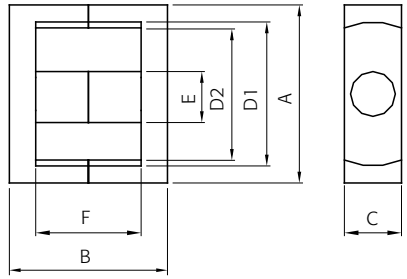
Ordering Code System



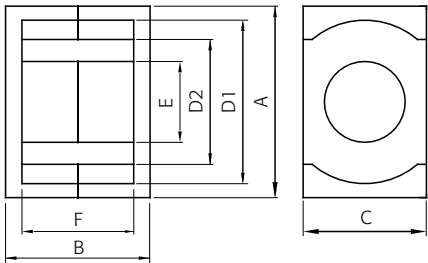
EER CORES



EER - Ⓐ



EER - Ⓑ



EER - Ⓒ

Part No.		EER0905S	EER1104S	EER1105S	EER1406S
Type		EER - ⓐ	EER - ⓐ	EER - ⓐ	EER - ⓐ
Dimensions in mm	A	9.35 ±0.15	10.85 ±0.17	10.85 ±0.17	14.50 ±0.20
	B	4.90 ±0.10	3.85 ±0.10	4.90 ±0.10	5.90 ±0.10
	C	4.90 ±0.10	5.90 ±0.10	5.90 ±0.10	6.75 ±0.10
	D1	7.50 min.	8.70 min.	8.70 min.	11.60 min.
	D2	7.00 min.	7.90 min.	7.90 min.	
	E	3.40 ±0.10	4.13 ±0.12	4.13 ±0.12	4.75 ±0.10
	F	3.35 ±0.15	2.10 ±0.15	3.15 ±0.15	3.30 ±0.20

Core Set Parameters	C1(mm ⁻¹)	1.671	1.077	1.235	1.080
	Le(mm)	14.2	12.6	14.7	19.0
	Ae(mm²)	8.5	11.7	11.9	17.6
	Ve(mm³)	120	147	174	333
	Ac(mm²)	9.1	13.4	13.4	18
	Aw(mm²)	7.2	5.0	7.5	11.6
	W(g/set)	0.6	0.8	0.9	1.8

Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	1100	1750	1500	2000
		PL-9	1300	2030	1750	2300
		PL-11	1200	1800	1600	2100
		PL-13	1390	2160	1870	2450
		PL-15	1200	1800	1600	2100
	Core loss	PL-7	0.07	0.08	0.10	0.18
		PL-9	0.06	0.07	0.09	0.17
		PL-11	0.06	0.07	0.09	0.17
		PL-13	0.06	0.07	0.08	0.16
		PL-15	0.05	0.07	0.08	0.15

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℃

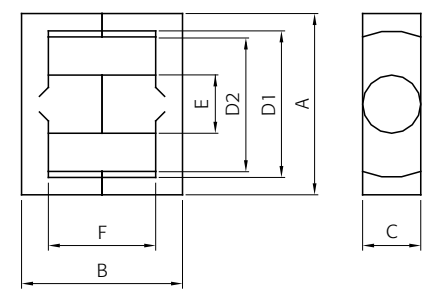
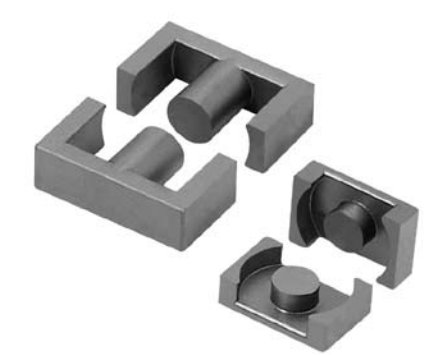
2) AL value

- Unit : nH/N²

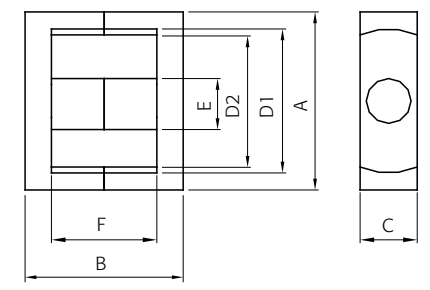
- Measuring conditions : 1kHz, 0.1V, 23℃

- Tolerance : ±25%

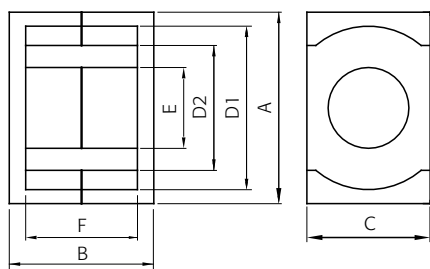
EER CORES



EER - (a)



EER - (b)



EER - (c)

Part No.		EER1916S	EER2116S	EER2429S	EER2619S
Type		EER - (a)	EER - (b)	EER - (a)	EER - (a)
Dimensions in mm	A	19.00 ±0.30	21.40 ±0.50	24.40 ±0.50	25.50 ±0.50
	B	8.05 ±0.20	16.20 ±0.30	28.90 ±0.30	19.00 ±0.40
	C	5.10 ±0.20	14.00 ±0.25	8.50 ±0.30	7.50 ±0.20
	D1	14.50 ±0.30	18.00 ±0.40	18.60 ±0.60	19.80 min.
	D2			17.60 ref.	
	E	5.10 ±0.20	9.00 ±0.20	8.50 ±0.20	7.50 ±0.15
	F	5.65 ±0.15	11.20 ±0.40	20.20 ±0.40	12.80 ±0.40

Core Set Parameters	C1(mm ⁻¹)	1.781	0.625	1.056	1.090
	Le(mm)	39.9	42.5	62.3	48.3
	Ae(mm²)	22.4	68.0	59.0	44.3
	Ve(mm³)	893.7	2890	3680	2140
	Ac(mm²)	20.4	63.6	56.7	44.2
	Aw(mm²)	53.1	51.3	102.0	81.9
	W(g/set)	4.5	14.1	19.3	10.8

Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	1272	3300	2100	2000
		PL-9	1590	3800	2500	2300
		PL-11	1325	3400	2200	2100
		PL-13	1690	4050	2670	2450
		PL-15	1325	3400	2200	2100
	Core loss	PL-7	0.49	1.59	2.02	1.18
		PL-9	0.45	1.45	1.84	1.07
		PL-11	0.45	1.45	1.84	1.07
		PL-13	0.43	1.39	1.77	1.03
		PL-15	0.40	1.30	1.66	0.96

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

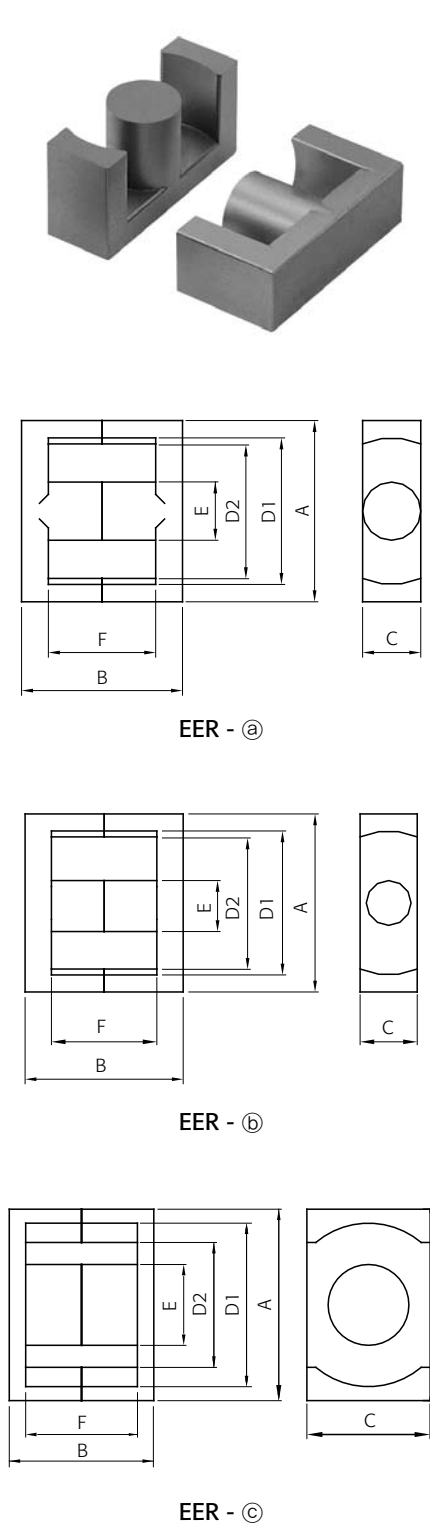
- Measuring conditions : 1kHz, 0.1V, 23℃

- Tolerance : ±25%

	EER2817S	EER2819S	EER2820S	EER2828N	EER2828S	EER2834N	EER2834S	EER3016S	EER3016W
	EER - (b)	EER - (b)	EER - (b)	EER - (b)	EER - (b)	EER - (b)	EER - (b)	EER - (c)	EER - (c)
A	28.50 ^{+0.60} _{-0.50}	28.50 ^{+0.60} _{-0.50}	28.50 ^{+0.50} _{-0.40}	28.50 ^{+0.60} _{-0.50}	28.50 ^{+0.60} _{-0.50}	28.50 ^{+0.60} _{-0.50}	28.50 ^{+0.60} _{-0.50}	30.00 ±0.40	30.00 ±0.50
B	8.80 ±0.20	9.70 ±0.15	20.00 ±0.30	28.00 ±0.40	28.00 ±0.40	33.80 ±0.50	33.80 ±0.50	16.00 ±0.40	16.40 ±0.30
C	11.40 ±0.25	11.40 ±0.25	11.40 ±0.25	11.40 ±0.25	11.40 ±0.25	11.40 ±0.25	11.40 ±0.25	20.00 ±0.30	20.00 ±0.30
D1	21.40 min.	21.40 min.	21.40 min.	21.80 min.	21.20 min.	21.80 min.	21.20 min.	26.00 ±0.40	26.00 ±0.40
D2	19.10 min.	19.10 min.	19.10 min.	19.95 min.	18.90 min.	19.95 min.	19.50 min.	19.45 ref.	
E	9.90 ±0.25	9.90 ±0.25	9.90 ±0.25	9.90 ±0.25	9.90 ±0.25	9.90 ±0.25	9.90 ±0.25	11.00 ±0.20	11.00 ±0.20
F	5.20 ^{+0.25} _{-0.00}	6.10 ^{+0.25} _{-0.00}	12.80 ^{+0.50} _{-0.00}	19.30 ±0.50	19.30 ±0.50	25.00 ±0.50	25.00 ^{+0.60} _{-0.50}	10.60 ±0.40	11.00 ±0.40
C1(mm ⁻¹)	0.542	0.596	0.611	0.758	0.733	0.900	0.871	0.396	0.404
Le(mm)	43.9	48.3	49.5	63.4	63.0	74.8	74.4	43.2	44.0
Ae(mm²)	81.0	81.0	81.0	83.6	86.0	83.1	85.4	109.0	109.0
Ve(mm³)	3556	3910	4010	5300	5410	6220	6360	4740	4796
Ac(mm²)	77	102	77	77	77	77	77	95	95
Aw(mm²)	60.0	74.1	77.9	120.0	114.0	155.0	148.0	79.5	80.0
W(g/set)	19.0	20.6	21.6	27.8	28.9	33.2	32.9	27.1	258.0

AL value	PL-7	3850	3500	3430	2700	2730	2400	2400	5700	5280
	PL-9	4813	4375	4150	3150	3200	2700	2700	6700	6600
	PL-11	4010	3646	3600	2800	2800	2500	2500	5900	5500
	PL-13	5130	4660	4420	3360	3410	2880	2880	7140	7040
	PL-15	4010	3646	3600	2800	2800	2500	2500	5900	5500
Core loss	PL-7	1.96	2.15	2.21	2.92	2.98	3.42	3.50	2.61	2.64
	PL-9	1.78	1.96	2.01	2.65	2.71	3.11	3.18	2.37	2.40
	PL-11	1.78	1.96	2.01	2.65	2.71	3.11	3.18	2.37	2.40
	PL-13	1.71	1.88	1.92	2.54	2.60	2.99	3.05	2.28	2.30
	PL-15	1.60	1.76	1.80	2.39	2.43	2.80	2.86	2.13	2.16

EER CORES



Part No.		EER3019NA	EER3024N	EER3032S	EER3119N
Type		EER - (c)	EER - (c)	EER - (a)	EER - (c)
Dimensions in mm	A	30.30 ±0.50	30.00 ±0.50	29.80 ±0.80	31.50 ±0.50
	B	19.20 ±0.30	23.80 ±0.40	31.60 ±0.60	19.00 ±0.30
	C	20.30 ±0.30	20.30 ±0.30	9.50 ±0.30	20.30 ±0.30
	D1	25.70 ±0.40	25.40 ±0.40	22.70 ±0.70	26.90 ±0.40
	D2	21.50 ref.	19.00 ref.	21.40 ref.	20.00 min.
	E	13.30 ±0.20	13.30 ±0.30	9.50 ±0.30	13.30 ±0.20
	F	13.20 ±0.40	18.20 ±0.40	22.00 ±0.60	13.60 ±0.30

Core Set Parameters	C1(mm ⁻¹)	0.428	0.381	0.928	0.421
	Le(mm)	55.9	52.2	70.7	53.3
	Ae(mm ²)	130.7	137.0	76.2	126.6
	Ve(mm ³)	7306	7151	5390	6714
	Ac(mm ²)	138.9	138.9	70.9	138.9
	Aw(mm ²)	81.8	114.7	145.0	92.5
	W(g/set)	38.0	41.4	28.3	36.2

Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	4500	5500	2300	5500
		PL-9	5625	6400	2750	6875
		PL-11	4688	5700	2400	5729
		PL-13	6000	6820	2930	7330
		PL-15	4688	5700	2400	5729
	Core loss	PL-7	4.02	3.93	2.96	3.69
		PL-9	3.65	3.58	2.70	3.36
		PL-11	3.65	3.58	2.70	3.36
		PL-13	3.51	3.43	2.59	3.22
		PL-15	3.29	3.22	2.43	3.02

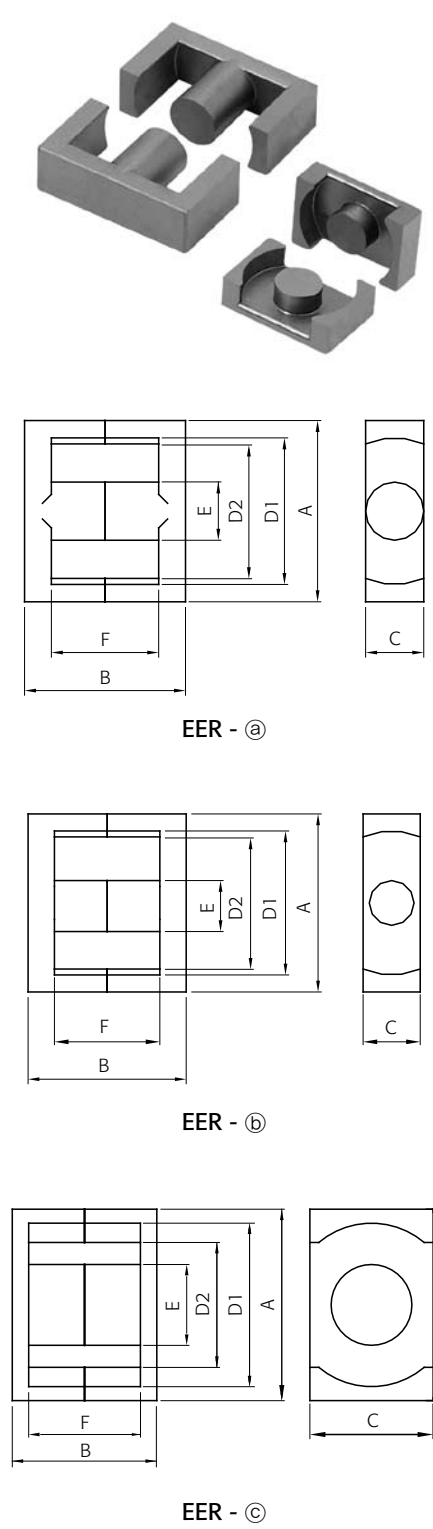
Note : 1) Core Loss
- Unit : Watt max.
- Measuring conditions
PL-7, PL-11, PL-15 : 100kHz, 200mT, at 100℃
PL-9, PL-13 : 100kHz, 200mT, at 80℃
1) 100kHz, 100mT, at 100℃
2) 25kHz, 200mT, at 100℃

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

	EER3121N	EER3124N	EER3124NS	EER3124S	EER3220S	EER3334S	EER3335S	EER3426S	EER3435S
	EER - (c)	EER - (c)	EER - (c)	EER - (b)	EER - (b)	EER - (b)	EER - (b)	EER - (a)	EER - (a)
A	31.50 ±0.50	31.50 ±0.50	31.50 ±0.50	31.00 ±0.50	32.00 ±0.50	33.00 ±0.50	33.00 ±0.50	34.20 ±0.80	34.20 ±0.80
B	20.80 ±0.30	23.80 ±0.30	24.40 ±0.30	23.80 ±0.30	20.50 ±0.40	17.00 ±0.30	34.60 ±0.60	26.00 ±0.40	34.60 ±0.40
C	20.30 ±0.30	20.30 ±0.30	20.30 ±0.30	12.30 ±0.30	11.40 ±0.25	13.80 ±0.25	13.80 ±0.25	10.80 ±0.30	10.80 ±0.30
D1	26.90 ±0.40	26.90 ±0.40	26.90 ±0.40	23.60 ±0.50	25.50 ±0.50	25.00 ±0.50	25.00 ±0.50	26.30 ±0.70	26.30 ±0.70
D2	20.00 min.	20.00 min.	20.00 min.		23.50 min.	22.00 ref.	22.00 ref.	24.15 min.	24.15 min.
E	13.30 ±0.20	13.30 ±0.20	13.30 ±0.20	11.00 ±0.25	9.90 ±0.25	12.50 ±0.25	12.50 ±0.25	10.80 ±0.30	10.80 ±0.30
F	15.40 ±0.30	18.40 ±0.30	18.40 ±0.30	14.90 ±0.30	11.70 ±0.40	12.50 ±0.25	25.60 ±0.50	15.60 ±0.60	24.20 ±0.80
C1(mm ⁻¹)	0.447	0.489	0.474	0.584	0.612	0.664	0.626	0.629	0.814
Le(mm)	56.9	62.8	63.8	57.2	53.1	78.4	78.3	61.9	79.0
Ae(mm ²)	127.4	128.6	134.5	97.9	86.8	118.1	125.0	98.4	97.0
Ve(mm ³)	7240	8070	8580	5600	4610	9250	9810	6080	7660
Ac(mm ²)	138.9	138.9	138.9	95	91.3	122.7	123	91.6	91.6
Aw(mm ²)	104.7	125.1	125.1	93.9	77.0	156.3	160.0	120.0	187.0
W(g/set)	38.0	41.5	42.0	30.1	25.3	48.9	50.0	32.0	38.8

AL value	PL-7	4500	4500	4500	3400	2720	3900	3400	3000	2500
	PL-9	5600	5620	5630	3900	3400	4875	4050	3600	3000
	PL-11	4700	4650	4700	3500	2830	4063	3500	3100	2600
	PL-13	6000	5950	6000	4160	3600	5200	4320	3840	3200
	PL-15	5600	4650	4700	3500	2830	4063	3500	3100	2600
Core loss	PL-7	3.98	4.44	4.72	3.08	2.54	5.09	5.40	3.34	4.21
	PL-9	3.62	4.04	4.29	2.80	2.31	4.63	4.91	3.04	3.83
	PL-11	3.62	4.04	4.29	2.80	2.31	4.63	4.91	3.04	3.83
	PL-13	3.48	3.87	4.12	2.69	2.21	4.44	4.71	2.92	3.68
	PL-15	3.26	3.63	3.86	2.52	2.07	4.16	4.41	2.74	3.45

EER CORES



Part No.		EER3526S	EER3530S	EER3534S	EER3540S
Type		EER - (a)	EER - (a)	EER - (a)	EER - (a)
Dimensions in mm	A	35.00 ±0.70	35.00 ±0.70	35.00 ±0.70	35.00 ±0.70
	B	26.60 ±0.40	30.00 ±0.40	34.00 ±0.40	40.60 ±0.50
	C	11.30 ±0.40	11.30 ±0.40	11.30 ±0.40	11.30 ±0.40
	D1	25.30 min.	25.30 min.	25.60 min.	25.60 min.
	D2	23.85 min.	23.85 min.	23.85 min.	23.85 min.
	E	11.30 ±0.30	11.30 ±0.30	11.30 ±0.30	11.30 ±0.30
	F	16.60 ±0.50	20.00 ±0.60	22.00 ±0.40	29.60 ±0.80

Core Set Parameters	C1(mm ⁻¹)	0.593	0.657	0.695	0.813
	Le(mm)	63.5	70.3	77.1	88.6
	Ae(mm²)	107.0	107.0	111.0	109.0
	Ve(mm³)	6795	7550	8557	9657
	Ac(mm²)	100.3	100.3	100.3	100.3
	Aw(mm²)	122.0	147.0	169.0	219.0
	W(g/set)	35.0	38.8	42.0	50.0

Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	3600	3000	3000	2600
		PL-9	4200	3600	3500	3000
		PL-11	3800	3100	3100	2700
		PL-13	4480	3840	3730	3200
		PL-15	3800	3100	3100	2700
	Core loss	PL-7	3.74	4.15	4.71	5.31
		PL-9	3.40	3.78	4.28	4.83
		PL-11	3.40	3.78	4.28	4.83
		PL-13	3.26	3.62	4.11	4.64
		PL-15	3.06	3.40	3.85	4.35

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

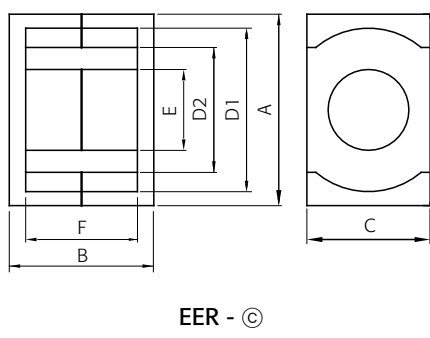
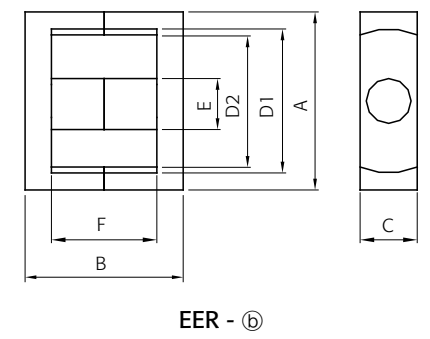
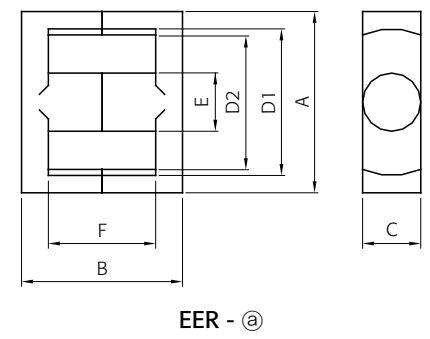
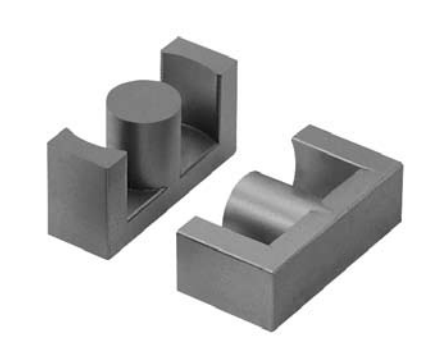
- Measuring conditions : 1kHz, 0.1V, 23℃

- Tolerance : ±25%

	EER3541S	EER3542S	EER3543S	EER3543N	EER3543NC	EER3544S	EER3638S	EER3934S	EER3936S
	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)
A	35.00 ±0.70	35.00 ±0.70	35.00 ±0.70	35.20 ±0.70	35.20 ±0.70	35.00 ±0.70	36.00 ±0.60	39.10 ±0.90	39.10 ±0.90
B	41.80 ±0.50	42.80 ±0.50	43.30 ±0.50	21.85 ±0.25	21.85 ±0.25	44.40 ±0.60	38.00 ±0.50	33.60 ±0.40	35.60 ±0.40
C	11.30 ±0.40	11.30 ±0.40	11.30 ±0.40	11.30 ±0.40	11.30 ±0.40	11.30 ±0.40	11.30 ±0.40	12.50 ±0.30	12.50 ±0.30
D1	25.60 min.	25.60 min.	25.60 min.	26.70 ±0.70	26.50 min.	25.60 min.	26.50 min.	30.10 ±0.80	30.10 ±0.80
D2	23.85 min.	23.85 min.	23.85 min.	25.00 ref.	25.00 min.	24.60 ref.	24.50 ref.	28.30 min.	28.30 min.
E	11.30 ±0.30	11.30 ±0.30	11.30 ±0.30	11.30 ±0.30	11.30 ±0.30	11.30 ±0.30	11.30 ±0.30	12.50 ±0.30	12.50 ±0.30
F	29.80 ±0.60	30.80 ±0.60	31.30 ±0.50	15.85 ±0.25	15.85 ±0.25	32.00 ±0.60	26.00 ±0.50	23.20 ±0.80	25.20 ±0.80
C1(mm ⁻¹)	0.835	0.853	0.852	0.876	0.903	0.875	0.792	0.642	0.677
Le(mm)	91.0	93.0	94.6	95.1	95.3	95.4	83.9	80.3	84.6
Ae(mm²)	109.0	109.0	111.0	108.5	105.5	109.0	106.0	125.0	125.0
Ve(mm³)	9960	10160	10501	10318	10055	10399	8893	10038	10570
Ac(mm²)	100.3	100.3	100.3	100.3	100.3	100.3	100.3	122.7	123
Aw(mm²)	223.0	230.0	235.0	244.1	253.6	236.8	204.1	204.0	221.0
W(g/set)	52.0	53.0	54.0	53.0	50.7	54.0	48.8	50.0	53.0

AL value	PL-7	2600	2500	2500	2060	2060	2400	2700	2800	3100
	PL-9	3050	3000	2900	2575	2575	2800	3100	3200	3650
	PL-11	2700	2600	2600	2146	2146	2500	2800	2900	3200
	PL-13	3250	3200	3090	2740	2740	2980	3300	3410	3890
	PL-15	2700	2600	2600	2146	2146	2500	2800	2900	3200
Core loss	PL-7	5.48	5.59	5.78	5.67	5.53	5.72	4.89	5.52	5.81
	PL-9	4.98	5.08	5.25	5.16	5.03	5.20	4.45	5.02	5.29
	PL-11	4.98	5.08	5.25	5.16	5.03	5.20	4.45	5.02	5.29
	PL-13	4.78	4.88	5.04	4.95	4.83	4.99	4.27	4.82	5.07
	PL-15	4.48	4.57	4.73	4.64	4.52	4.68	4.00	4.52	4.76

EER CORES



Part No.		EER3940S	EER3941S	EER3942S	EER3944S
Type		EER - Ⓐ	EER - Ⓐ	EER - Ⓐ	EER - Ⓐ
Dimensions in mm	A	39.10 ±0.90	39.10 ±0.90	39.10 ±0.90	39.10 ±0.90
	B	39.60 ±0.40	20.50 ±0.20	42.00 ±0.40	44.60 ±0.40
	C	12.50 ±0.30	12.50 ±0.30	12.50 ±0.30	12.50 ±0.30
	D1	30.10 ±0.80	30.10 ±0.80	30.10 ±0.80	30.10 ±0.80
	D2	28.30 min.	28.30 min.	28.30 min.	28.30 min.
	E	12.50 ±0.30	12.50 ±0.30	12.50 ±0.30	12.50 ±0.30
	F	29.20 ±0.80	15.30 ±0.40	31.60 ±0.80	34.20 ±0.80

Core Set Parameters	C1(mm ⁻¹)	0.747	0.760	0.785	0.818
	Le(mm)	92.6	95.0	97.4	102.2
	Ae(mm²)	124.0	125.0	124.0	125.0
	Ve(mm³)	11560	11875	12150	12780
	Ac(mm²)	123	123	123	122.7
	Aw(mm²)	256.0	269.3	278.0	301.0
	W(g/set)	57.0	60.0	61.0	63.0

Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	2900	2780	2700	2600
		PL-9	3400	3475	3200	3000
		PL-11	3000	2896	2800	2700
		PL-13	3620	3700	3410	3200
		PL-15	3000	2896	2800	2700
	Core loss	PL-7	6.36	6.53	6.68	7.03
		PL-9	5.78	5.94	6.08	6.39
		PL-11	5.78	5.94	6.08	6.39
		PL-13	5.55	5.70	5.83	6.13
		PL-15	5.20	5.34	5.47	5.75

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℃

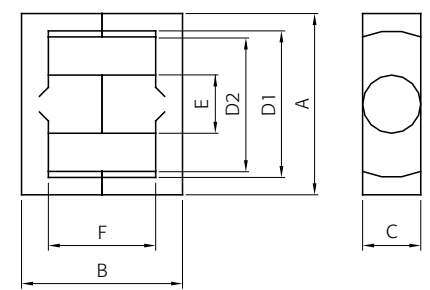
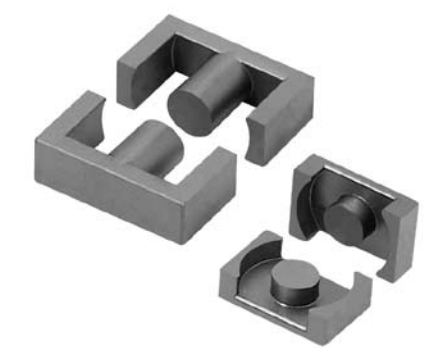
2) AL value

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

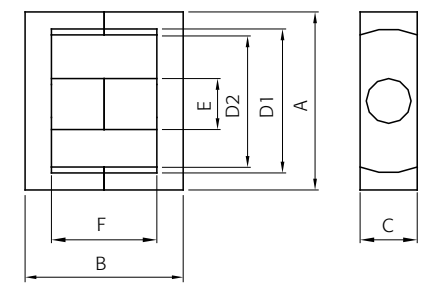
	EER4042S	EER4045S	EER4045SD	EER4214S	EER4232S	EER4233S	EER4242B	EER4242KF	EER4242S
	EER - Ⓑ	EER - Ⓐ	EER - Ⓑ	EER - Ⓐ	EER - Ⓑ	EER - Ⓑ	EER - Ⓐ	EER - Ⓑ	EER - Ⓑ
A	40.00 ^{+0.80} _{-0.50}	40.00 ±0.80	40.00 ^{+0.80} _{-0.50}	42.15 ±0.85	42.00 ^{+0.80} _{-0.50}	42.00 ^{+0.80} _{-0.50}	42.00 ±0.60	42.65 ±0.65	42.00 ^{+0.80} _{-0.50}
B	42.60 ±0.40	44.80 ±0.40	45.00 ±0.40	43.20 ±0.40	32.40 ±0.40	16.60 ±0.20	42.80 ±0.60	43.40 ±0.40	42.40 ±0.40
C	15.00 ±0.20	13.30 ±0.25	15.00 ±0.20	14.70 ±0.30	19.60 ±0.40	19.60 ±0.40	15.20 ±0.30	20.00 ^{+0.00} _{-0.80}	20.00 ^{+0.00} _{-0.80}
D1	30.70 min.	29.00 min.	30.70 min.	31.00 ±0.60	32.30 ±0.50	32.30 ±0.50	31.00 ±0.60	32.80 ±0.50	32.30 ±0.50
D2	29.00 min.		28.70 min.					27.40 min.	27.30 ref.
E	14.00 ±0.25	13.30 ±0.25	14.00 ±0.25	14.70 ±0.30	17.30 ±0.25	17.30 ±0.25	15.20 ±0.30	17.30 ±0.25	17.30 ±0.25
F	30.60 ±0.40	30.80 ±0.60	33.00 ±0.40	31.90 ±0.70	20.50 ±0.50	10.60 ±0.25	30.80 ±0.80	31.20 ±0.50	30.00 ^{+1.00} _{-0.50}
C1(mm ⁻¹)	0.609	0.645	0.643	0.574	0.349	0.356	0.530	0.415	0.406
Le(mm)	96.3	97.4	101.0	98.8	81.4	83.0	96.9	98.0	95.1
Ae(mm²)	158.0	151.0	157.0	172.0	233.0	233.0	183.0	236.0	234.0
Ve(mm³)	15230	14790	15950	17090	18966	19339	17790	23128	22280
Ac(mm²)	154	139	154	170	234.9	235	181	234.9	235
Aw(mm²)	265.0	254.0	286.0	259.0	158.9	159.0	243.0	242.0	228.0
W(g/set)	78.0	78.0	82.0	87.0	92.0	94.0	90.0	116.0	115.0

AL value	PL-7	3600	3300	3400	3800	6300	5800	4000	5000	5000
	PL-9	4200	3900	3950	4500	7300	7250	4700	5800	5800
	PL-11	3800	3400	3500	4000	6600	6042	4200	5200	5200
	PL-13	4480	4160	4210	4800	7780	7730	5010	6180	6180
	PL-15	3800	3400	3500	4000	6600	6042	4200	5200	5200
Core loss	PL-7	8.38	8.13	8.77	9.40	10.43	10.64	9.78	12.72	12.25
	PL-9	7.62	7.40	7.98	8.55	9.48	9.67	8.90	11.56	11.14
	PL-11	7.62	7.40	7.98	8.55	9.48	9.67	8.90	11.56	11.14
	PL-13	7.31	7.10	7.66	8.20	9.10	9.28	8.54	11.10	10.69
	PL-15	6.85	6.66	7.18	7.69	8.53	8.70	8.01	10.41	10.03

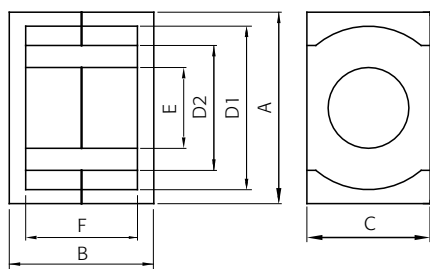
EER CORES



EER - (a)



EER - (b)



EER - (c)

Part No.		EER4243S	EER4244S	EER4245S	EER4245W
Type		EER - (a)	EER - (b)	EER - (a)	EER - (a)
Dimensions in mm	A	42.00 ±0.60	42.00 ^{+0.80} _{-0.50}	42.00 ±0.50	42.00 ±0.60
	B	43.80 ±0.60	44.00 ±0.40	44.60 ±0.60	44.80 ±0.40
	C	15.20 ±0.30	19.40 ±0.30	15.20 ±0.30	15.50 ±0.30
	D1	31.00 ±0.60	32.60 ±0.50	31.00 ±0.50	29.40 min.
	D2				
	E	15.20 ±0.30	17.00 ±0.25	15.20 ±0.30	15.50 ±0.30
	F	31.80 ±0.60	2.20 ±0.60	32.60 ±0.60	30.80 ±0.60

Core Set Parameters	C1(mm ⁻¹)	0.537	0.442	0.546	0.484
	Le(mm)	98.3	100.0	100.0	97.3
	Ae(mm²)	183.0	226.0	183.0	201.0
	Ve(mm³)	17990	22600	18450	19620
	Ac(mm²)	181.5	226.9	181	189
	Aw(mm²)	259.2	325.6	257.0	223.0
	W(g/set)	90.0	99.0	94.0	100.0

Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	4000	4800	3900	4400
		PL-9	4700	5500	4600	5150
		PL-11	4200	5000	4100	4600
		PL-13	5010	5860	4900	5490
		PL-15	4200	5000	4100	4600
	Core loss	PL-7	9.89	12.43	10.15	10.79
		PL-9	9.00	11.30	9.23	9.81
		PL-11	9.00	11.30	9.23	9.81
		PL-13	8.64	10.85	8.86	9.42
		PL-15	8.10	10.17	8.30	8.83

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

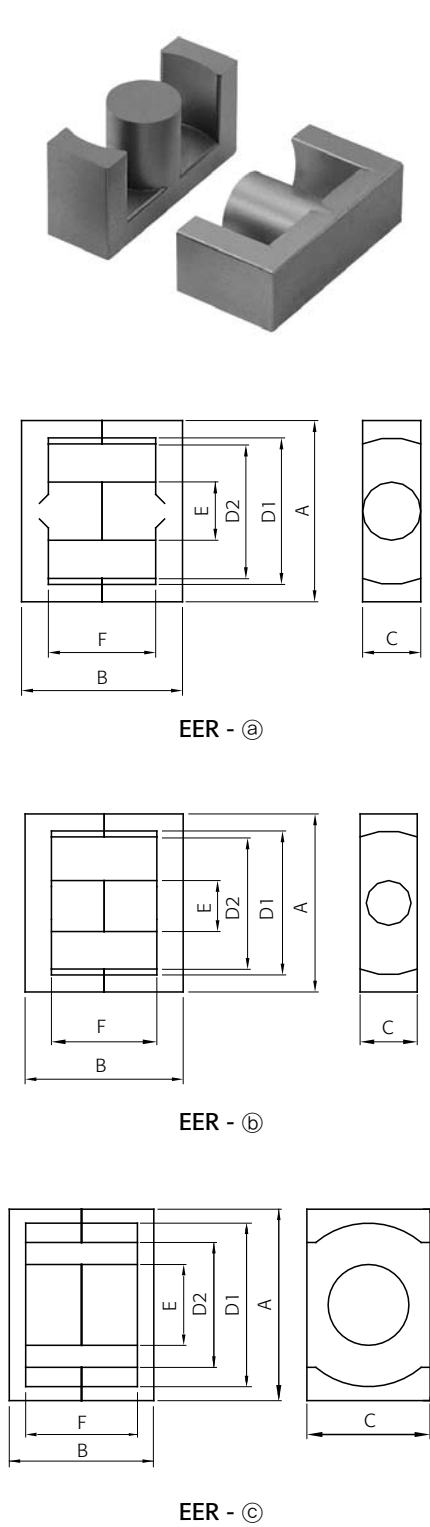
- Measuring conditions : 1kHz, 0.1V, 23℃

- Tolerance : ±25%

	EER4249S	EER4445S	EER4535S	EER4836S	EER4936S	EER4942S	EER4943S	EER4950S	EER4954S
	EER - (b)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)	EER - (a)
A	42.00 ±0.80	44.00 ±1.00	45.00 ±1.00	48.00 ±1.00	49.00 ^{+0.70} _{-0.50}	49.00 ^{+0.70} _{-0.50}	49.00 ^{+0.70} _{-0.50}	48.70 ±1.00	49.00 ±0.80
B	49.40 ±0.40	44.60 ±0.40	35.00 ±0.40	36.00 ±0.40	36.00 ±0.40	42.00 ^{+1.00} _{-0.20}	43.10 ±0.60	49.40 ±0.40	54.00 ±0.40
C	19.60 ±0.40	14.80 ±0.40	17.60 ±0.40	17.60 ±0.40	17.20 ^{+0.20} _{-0.40}	17.20 ^{+0.20} _{-0.40}	17.20 ^{+0.20} _{-0.40}	16.30 ±0.40	17.20 ±0.30
D1	32.30 ±0.80	33.30 ±0.80	33.80 ±0.80	36.80 ±0.80	36.60 min.	36.60 min.	36.60 min.	37.00 ±0.90	36.40 min.
D2				33.60 ref.	33.20 min.	33.20 min.	33.20 min.	33.15 min.	33.20 min.
E	17.30 ±0.35	14.80 ±0.40	17.60 ±0.40	17.60 ±0.40	17.20 ^{+0.20} _{-0.40}	17.20 ^{+0.20} _{-0.40}	17.20 ^{+0.20} _{-0.40}	16.30 ±0.40	17.20 ±0.25
F	37.60 ±0.60	33.00 ±0.80	21.90 ±0.50	22.40 ^{+0.50} _{-0.00}	22.80 ±0.40	28.80 ^{+0.80} _{-0.00}	29.90 ±0.40	36.20 ±0.80	37.00 ±0.40
C1(mm ⁻¹)	0. 470	0.601	0.350	0.374	0.384	0.441	0.448	0.540	0.490
Le(mm)	109.0	104.0	81.2	86.3	87.2	100.0	101.7	114.0	118.0
Ae(mm²)	232.0	173.0	232.0	231.0	227.0	227.0	227.0	211.0	241.0
Ve(mm³)	25400	17910	18880	19990	19800	22770	23086	24140	28460
Ac(mm²)	235	172	243	243	230	230	230	209	232
Aw(mm²)	282.0	305.0	177.0	219.0	195.0	293.0	297.1	374.0	370.0
W(g/set)	129.0	90.0	97.0	103.0	100.0	117.0	119.0	125.0	147.0

AL value	PL-7	4350	3400	5800	5600	5500	5000	4700	4000	4500
	PL-9	5100	4000	6750	6500	6400	5800	5500	4750	5300
	PL-11	4500	3500	6000	5800	5700	5200	4900	4200	4700
	PL-13	5440	4260	7200	6930	6820	6180	5860	5060	5650
	PL-15	4500	3500	6000	5800	5700	5200	4900	4200	4700
Core loss	PL-7	13.97	9.85	10.38	10.99	10.89	12.52	12.70	13.28	15.65
	PL-9	12.70	8.96	9.44	10.00	9.90	11.39	11.54	12.07	14.23
	PL-11	12.70	8.96	9.44	10.00	9.90	11.39	11.54	12.07	14.23
	PL-13	12.19	8.60	9.06	9.60	9.50	10.93	11.08	11.59	13.66
	PL-15	11.43	8.06	8.50	9.00	8.91	10.25	10.39	10.86	12.81

EER CORES



Part No.			EER5345S	EER5428S	EER5455S	EER6062S
Type			EER - ㉔	EER - ㉔	EER - ㉓	EER - ㉓
Dimensions in mm	A		53.20 ^{+0.80 -0.50}	54.00 ±1.00	54.50 ±1.30	59.80 ±1.30
	B		46.40 ±0.60	14.25 ±0.20	55.20 ±0.40	62.00 ±0.40
	C		21.50 ±0.30	26.15 ±0.40	18.90 ±0.40	21.65 ±0.45
	D1		38.70 min.	43.85 ±0.80	41.20 ±1.10	44.70 ±1.10
	D2				36.20 min.	40.15 ref.
	E		20.00 ^{+0.20 -0.30}	19.85 ±0.40	18.90 ±0.40	21.65 ±0.45
	F		32.60 ±0.60	7.45 ±0.20	40.40 ±0.80	45.00 ±0.80
Core Set Parameters	C1(mm ⁻¹)		0.340	0.219	0.455	0.384
	Le(mm)		108.0	68.3	127.0	141.0
	Ae(mm²)		318	311.01	279	367
	Ve(mm³)		34350	21226	35620	51630
	Ac(mm²)		313	309	281	368
	Aw(mm²)		316	176.4	450	518
	W(g/set)		178	136	176	257
Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	6200	9600	4800	5400
		PL-9	7300	12000	5800	6500
		PL-11	6500	10000	5000	5500
		PL-13	7780	12790	6180	6930
		PL-15	6500	10000	5000	5500
	Core loss	PL-7	18.89	11.67	19.59	6.20 ²⁾
		PL-9	17.18	10.61	17.81	4.50 ¹⁾
		PL-11	17.18	10.61	17.81	4.50 ¹⁾
		PL-13	16.49	10.19	17.10	4.50 ¹⁾
		PL-15	15.46	9.55	16.03	4.20 ¹⁾

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%