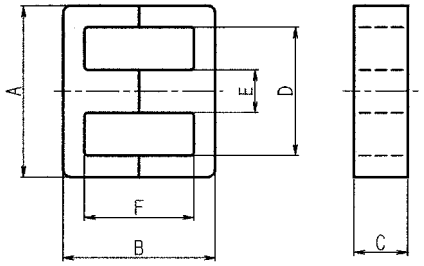
EE Type Cores

■Ordering Code 品名の構成

2G8-EE-16

- 2G8: Material 材質
- EE: Type 形
- 16: Length(A) A寸法



■Dimensions and Effective Parameter 寸法及び磁心の実効定数

Cores 形名	Dimensions(mm) 寸法						Effective Parameter 磁心の実効定数					Weight 重量 (g)	Bobbin Available
	A	B	C	D	E	F	C1 (mm^{-1})	Ae (mm^2)	le (mm)	Ve (mm^3)	Aw (mm^2)		
EE-5	5.25±0.1	5.3±0.16	1.95±0.1	3.85±0.1	1.35±0.08	4.0±0.16	4.78	2.64	12.6	33.2	5.0	0.16	6P
EE-5.55	5.55±0.1	5.3±0.16	1.9±0.1	4.15±0.1	1.35±0.08	4.0±0.16	5.02	2.57	12.9	33.1	5.6	0.16	
EE-6.3	$6.3^{+0}_{-0.25}$	$5.4^{+0.1}_{-0.22}$	$2.0^{+0.05}_{-0.15}$	4.1±0.1	$1.4^{+0.05}_{-0.11}$	$3.7^{+0.22}_{-0.1}$	4.03	3.11	12.5	38.9	5.1	0.20	
EE-6.5	6.5±0.15	6.5±0.15	$2.95^{+0}_{-0.2}$	$4.9^{+0.3}_{-0}$	$1.35^{+0}_{-0.2}$	$4.6^{+0.3}_{-0}$	3.30	4.60	15.16	69.7	9.0	0.16	
EE-8.3X8X3.6S	8.3±0.2	8.0±0.2	3.6±0.15	$6.3^{+0.2}_{-0.1}$	2.0±0.15	6.0±0.2	2.73	7.14	19.5	138.9	13.0	0.68	
EE-8.3X8X3.9	$8.3^{+0}_{-0.35}$	8.0±0.2	3.9±0.15	$6.0^{+0.3}_{-0}$	$2.0^{+0}_{-0.3}$	6.0±0.2	2.57	7.55	19.4	146.0	12.9	0.73	6P
EE-8.5X8.3X2	8.5±0.2	$8.3^{+0.4}_{-0}$	$2.0^{+0}_{-0.2}$	6.5±0.2	$2.0^{+0}_{-0.3}$	$6.1^{+0.4}_{-0}$	5.39	3.79	20.41	77.3	14.6	0.19	
EE-8.9X8.2	8.9±0.6	$8.2^{+0}_{-0.6}$	1.9±0.13	5.3±0.3	1.9±0.13	4.32±0.26	3.16	4.95	15.6	773.1	7.3	0.52	
EE-10	10.0±0.3	11.0±0.2	$4.9^{+0}_{-0.3}$	$7.7^{+0.3}_{-0}$	2.4±0.2	8.4±0.2	2.33	11.1	26.0	288.7	22.9	1.4	8P
EE-10.2X11X5	10.2±0.2	11.0±0.2	$5.0^{+0}_{-0.3}$	7.8±0.2	2.4±0.15	8.6±0.2	2.27	11.6	26.4	306.9	23.2	1.5	
EE-12X10.4X4	12.0±0.2	$10.4^{+0.3}_{-0.1}$	$4.0^{+0.1}_{-0.2}$	8.8±0.2	$3.2^{+0.1}_{-0.2}$	$7.2^{+0.3}_{-0.1}$	1.99	12.6	25.2	318.3	20.6	1.55	
EE-12K	12.5±0.3	12.0±0.3	3.5±0.15	$8.5^{+0.5}_{-0}$	$3.0^{+0}_{-0.4}$	7.6±0.2	2.19	12.0	26.4	317.4	22.6	1.7	6P
EE-12.5	12.5±0.3	11.3±0.3	4.8±0.2	9.4±0.25	2.4±0.2	8.1±0.3	2.03	13.5	27.4	370.6	28.4	1.9	6P
EE-12.6(*EF12.6)	$12.6^{+0.5}_{-0.4}$	$13.0^{+0}_{-0.4}$	$3.7^{+0}_{-0.3}$	$8.9^{+0.6}_{-0}$	$3.7^{+0}_{-0.3}$	$9.0^{+0.6}_{-0}$	2.39	12.4	29.7	369.5	26.3	1.84	
EE-12.7	$12.7^{+0.15}_{-0.2}$	7.95±0.14	$6.5^{+0}_{-0.3}$	10.1±0.2	3.18±0.1	5.75±0.15	1.38	16.0	22.0	350.9	19.9	1.86	6P
EE-13X12X6.3	13.0±0.3	12.0±0.4	$6.3^{+0}_{-0.3}$	10.5±0.3	$2.95^{+0}_{-0.35}$	9.3±0.3	1.87	16.3	30.5	496.0	35.9	2.4	10P
EE-13K	13.0±0.2	12.0±0.3	$6.3^{+0}_{-0.3}$	10.2±0.2	$2.8^{+0.1}_{-0.2}$	9.2±0.2	1.77	17.1	30.2	517.3	34.3	2.6	
EE-14	14.0±0.3	11.2±0.4	5.0±0.2	10.55±0.3	3.5±0.2	7.7±0.3	1.60	17.4	27.9	486.4	27.1	2.4	
EE-16	16.0±0.3	14.3±0.4	$5.0^{+0}_{-0.3}$	12.0±0.3	$4.05^{+0}_{-0.25}$	10.2±0.3	1.79	19.4	34.8	675.9	41.2	3.3	6P
EEL-16	16.0±0.3	24.5±0.4	$5.0^{+0}_{-0.3}$	12.0±0.3	$4.2^{+0}_{-0.4}$	$20.4^{+0.6}_{-0.4}$	2.83	19.5	55.2	1075	81.6	5.2	
EE-16X14.3X7S	16.0±0.3	14.3±0.4	$7.0^{+0}_{-0.4}$	13.0±0.3	$3.2^{+0}_{-0.4}$	11.0±0.3	1.76	21.0	36.9	775.2	55.0	3.8	10P
EE-16F(*EF16)	$16.0^{+0.7}_{-0.5}$	$16.4^{+0}_{-0.6}$	$4.7^{+0}_{-0.4}$	$11.3^{+0.6}_{-0}$	$4.7^{+0}_{-0.3}$	$11.4^{+0.8}_{-0}$	1.87	20.1	37.6	754.0	41.6	3.9	
EE-16.7	$16.7^{+0.7}_{-0.5}$	14.2±0.6	3.5±0.15	$10.7^{+0.4}_{-0.2}$	3.5±0.15	8.1±0.3	1.84	16.3	30.1	491.5	29.5	2.8	
EE-18.4	18.4±0.4	19.0±0.4	4.5±0.2	12.7min	5.5±0.2	12.6±0.4	1.66	25.2	41.9	1055	45.4	5.1	
EE-19	19.0±0.3	15.9±0.4	$5.1^{+0}_{-0.5}$	14.0±0.3	$5.1^{+0}_{-0.5}$	11.3±0.3	1.68	23.3	39.2	914.2	51.7	4.4	8P
EEL-19	19.0±0.3	27.1±0.4	$5.1^{+0}_{-0.5}$	14.0±0.3	$5.1^{+0}_{-0.5}$	22.6±0.6	2.64	23.4	61.7	1443	103.4	6.7	
EE-19G	19.1±0.3	$15.6^{+0.6}_{-0}$	$5.2^{+0}_{-0.4}$	14.5±0.3	$4.7^{+0}_{-0.3}$	$11.0^{+0.4}_{-0}$	1.72	23.1	39.6	914.7	55.7	5.9	
EE-19X15.8X9.6	19.15±0.5	15.8±0.5	$9.6^{+0.15}_{-0.2}$	14.75±0.3	4.65±0.15	11.2±0.3	0.91	43.5	39.7	1726	56.6	8.7	
EE-19H	19.3±0.33	16.16±0.36	$4.75^{+0.13}_{-0.17}$	14.5±0.3	$4.75^{+0.08}_{-0.22}$	11.44±0.26	1.79	22.4	40.1	898.2	56.2	4.4	
EE-20F (*EF20)	$20.4^{+0}_{-0.8}$	$20.4^{+0}_{-0.8}$	$5.9^{+0}_{-0.5}$	$14.1^{+0.6}_{-0}$	$5.9^{+0}_{-0.4}$	$14.0^{+0.8}_{-0}$	1.46	31.8	46.3	1475	62.6	7.2	
EE-22	22.0±0.4	18.6±0.4	$6.0^{+0}_{-0.6}$	14.0±0.3	$6.0^{+0}_{-0.6}$	10.6±0.3	1.02	39.6	40.2	1592	44.0	9.0	8P
EEL-22AT	22.0±0.3	29.6±0.4	5.7±0.2	$15.75^{+0.5}_{-0}$	5.7±0.2	21.6±0.4	1.80	35.4	63.6	2246	111.2	11.6	
EE-22B	22.0±0.4	$20.0^{+0.3}_{-0.2}$	5.5±0.25	17.5±0.3	4.0±0.2	$15.0^{+0.3}_{-0.2}$	2.07	24.4	50.5	1233	101.6	6.2	
EE-22C	22.0±0.3	18.6±0.4	5.7±0.2	$15.75^{+0.5}_{-0}$	5.7±0.2	10.8±0.3	1.16	36.4	42.0	1529	55.6	7.2	8P
EE-25	25.0±0.4	20.0±0.4	6.55±0.3	18.6±0.3	6.55±0.3	13.6±0.3	1.17	42.2	49.4	2084	81.9	10.6	8P
EE-25C (*EF25)	$25.0^{+0.8}_{-0.7}$	$25.6^{+0}_{-1.0}$	$7.5^{+0}_{-0.6}$	$17.5^{+0.8}_{-0}$	$7.5^{+0}_{-0.5}$	$17.4^{+1.0}_{-0}$	1.11	51.8	57.8	2994	95.3	13.6	
EEL-25	25.0±0.4	33.6±0.5	6.55±0.3	18.6±0.3	6.55±0.3	27.2±0.5	1.81	42.3	76.6	3238	163.9	15.3	
EE-25.4	25.4±0.4	19.0±0.5	6.35±0.25	19.0±0.3	6.35±0.3	12.7±0.3	1.19	40.3	48.0	1935	80.3	10.0	
EEL-25.4	25.4±0.4	$31.7^{+0.6}_{-0.4}$	6.35±0.25	19.0±0.3	6.35±0.3	$25.4^{+0.6}_{-0.4}$	1.82	40.4	73.4	2963	160.7	11.8	
EE-28A	28.0±0.4	21.5±0.5	$11.0^{+0}_{-0.5}$	$19.0^{+0.5}_{0}$	$7.5^{+0}_{-0.5}$	12.5±0.4	0.56	88.7	50.0	4429	75.0	21.6	10P
EE-29	28.7±0.4	31.6±0.4	$7.0^{+0}_{-0.5}$	22.7±0.4	6.6±0.25	25.2±0.4	1.79	42.6	76.4	3251	202.9	16.5	
EE-33	33.0±0.5	28.2±0.4	$13.0^{+0}_{-0.5}$	24.0±0.5	$10.0^{+0}_{-0.5}$	19.2±0.4	0.57	117.7	67.0	7887	136.8	37.5	10P

*DIN Standard 41984

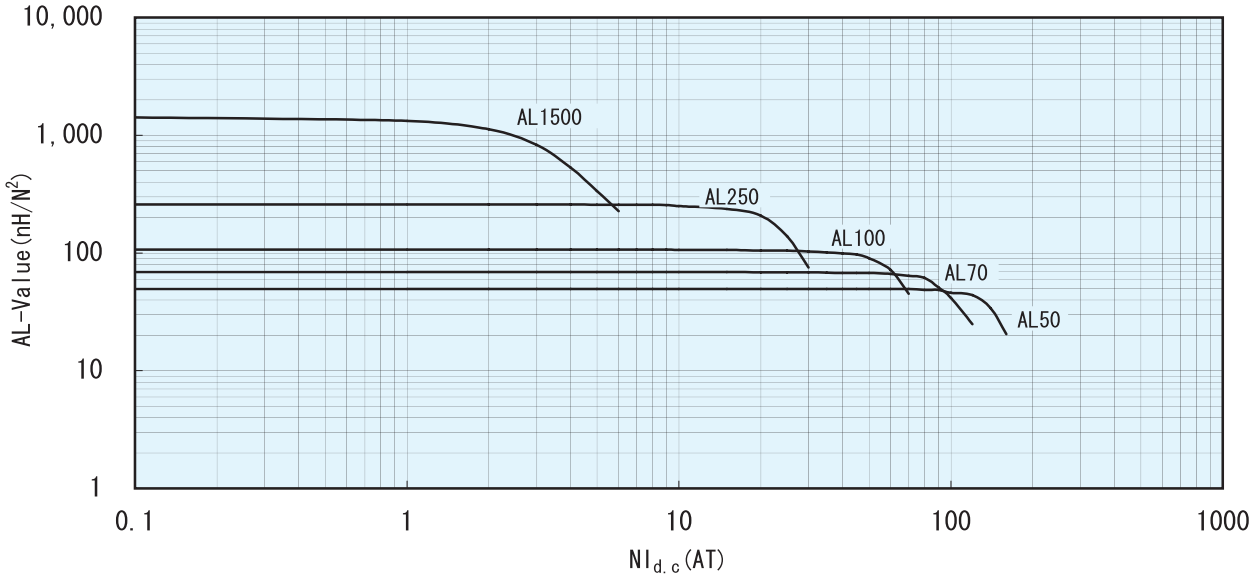
■Electrical Characteristics 電気的特性

Cores 形名	AL-Value(nH/N²) Without air gap ｷﾞｬｯﾌﾟなし				
	2H1	2E2B	2G1	2H4A	2G8
EE-5	1400min	980min	500±25%		340±25%
EE-5.55					340±25%
EE-6.3	1700min	1000min	600±25%		380±25%
EE-6.5					460±25%
EE-8.3X8X3.6S		2100min			700±25%
EE-8.3X8X3.9	2980min	1990min	1150±25%		710±25%
EE-8.5X8.3X2			480±25%		
EE-8.9X8.2		1190min	950±25%	670±25%	520±25%
EE-10	3675min	2450min	1500±25%		1000±25%
EE-10.2X11X5	3675min	2660min	1600±25%		1050±25%
EE-12X10.4X4	5250min	3500min	1750±25%		1050±25%
EE-12K				1400±25%	950±25%
EE-12.5		2660min	1750±25%	1250±25%	950±25%
EE-12.6	3675min	2450min	1650±25%	1250±25%	900±25%
EE-12.7	5250min	4200min	2350±25%		1500±25%
EE-13X12X6.3	4480min	3150min	2100±25%		1200±25%
EE-13K	4480min		2150±25%		1200±25%
EE-14	5040min	3500min	2300±25%		1400±25%
EE-16	4900min	3500min	2600±25%	1700±25%	1300±25%
EEL-16		2660min	1850±25%		950±25%
EE-16X14.3X7S		3710min	2400±25%		1250±25%
EE-16F	4900min	3220min	2200±25%		1150±25%
EE-16.7			1850±25%		1380±25%
EE-18.4					1500±25%
EE-19	5460min	3640min	2760±25%		1400±25%
EEL-19	3640min	2450min	2000±25%		1000±25%
EE-19G		4000min	2500±25%		1400±25%
EE-19X15.8X9.6			5000±25%	3200±25%	2400±25%
EE-19H		4000min			1400±25%
EE-20F			3400±25%	2250±25%	1670±25%
EE-22			4400±25%		2150±25%
EEL-22AT			2900±25%		1500±25%
EE-22B			2330min		1100±25%
EE-22C		5600min	3600±25%		2000±25%
EE-25	8750min	5880min	4550±25%		1800±25%
EE-25C	8400min	6020min	3900±25%		2000±25%
EEL-25	5040min	3360min	3200±25%		1200±25%
EE-25.4	8400min	5600min	4300±25%		2000±25%
EEL-25.4	4900min	3150min	2800±25%		1350±25%
EE-28A					4000±25%
EE-29			3000±25%		
EE-33					4200±25%

■DC superposition 直流重畳特性

at Freq.=1KHz 23℃

2G8-EE-13X12X6.3



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