

# FERRITE CORE | EE-Core

磁芯品名规则说明 (例)

SMP40 EE8 - Z 或 A80

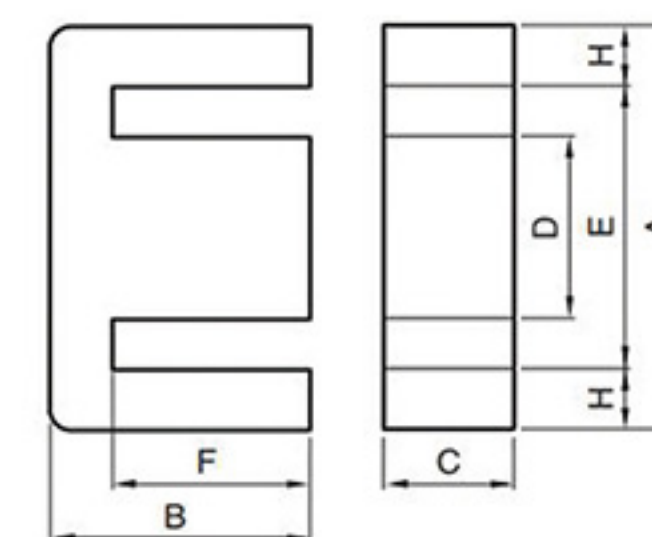


Fig. 1

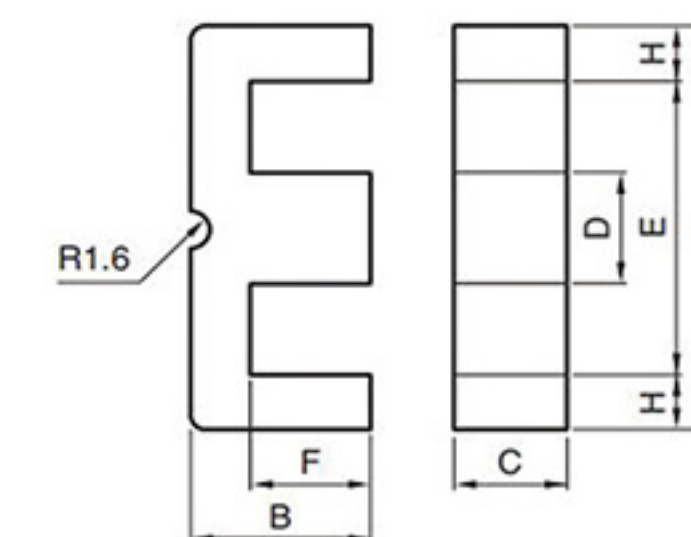


Fig 2

NO.	品名		形状 图示	尺寸规格(Unit: mm)						磁芯 常数 C1 (mm <sup>-1</sup> )	实效截面 面积 Ae (mm <sup>2</sup> )	最小实效截 面面积 Aemin (mm <sup>2</sup> )	实效磁路 长度 Le (mm)	实效 体积 Ve (mm <sup>3</sup> )	重量 Weight (g/Pr)	电气特性		IEC 63093- 8:2018 参考名称
	磁芯形状	材质		A	B	C	D	E	F							Al-value(nH/N <sup>2</sup> )		
																※1kHz,0.5mA		
																无气隙	带气隙	
1	EE5	SMP40	Fig.1	5.25±0.10	2.65±0.08	1.95±0.05	1.35±0.05	3.90±0.10	2.00±0.08	4.850	2.60	2.54	12.60	32.9	0.17	280±25%		E5.3/2
		SMP47														290±25%		
		SMP95														330±25%		
2	EE6	SMP40	Fig.1	6.175±0.125	2.85±0.05	1.95±0.05	1.35±0.05	3.70±0.10	1.95±0.10	3.764	3.28	2.63	12.30	40.4	0.25	370±25%		E6.3/2
		SMP47														385±25%		
		SMP95														430±25%		
3	EE8	SMP40	Fig.1	8.00±0.15	4.00±0.05	2.35±0.05	2.35±0.05	5.70±0.10	2.90±0.05	3.439	5.38	5.17	18.50	99.4	0.51	480±25%		E8/2
		SMP47														500±25%		
		SMP95														580±25%		
4	EE8.3	SMP40	Fig.1	8.35±0.25	4.00±0.1	3.60±0.2	1.80±0.20	6.35±0.25	3.00±0.1	2.800	6.97	6.480	19.50	136	0.7	610±25%	40±7% 63±10%	E8.3/4
		SMP47														610±25%		
		SMP95														750±25%		
5	EE8.8	SMP40	Fig.1	9.00±0.40	4.00±0.15	1.90±0.12	1.90±0.12	5.20±0.13	2.215±0.185	3.154	4.97	3.610	15.70	77.8	0.53	480±25%		E8.8/2
		SMP47														500±25%		
		SMP95														570±25%		
6	EE10	SMP40	Fig.1	10.00±0.20	4.94±0.06	2.94±0.06	2.94±0.06	7.15±0.15	3.56±0.06	2.726	8.40	8.110	22.90	192	0.99	665±25%		E10/3
		SMP47														700±25%		
		SMP95														820±25%		
7	EE10/11	SMP40	Fig.1	10.25±0.25	5.50±0.1	4.70±0.20	2.40±0.20	7.85±0.25	4.2±0.15	2.250	11.60	11.30	26.10	303	1.5	850±25%	40±7% 63±10%	E10.2/5
		SMP47														850±25%		
		SMP95														1040±25%		

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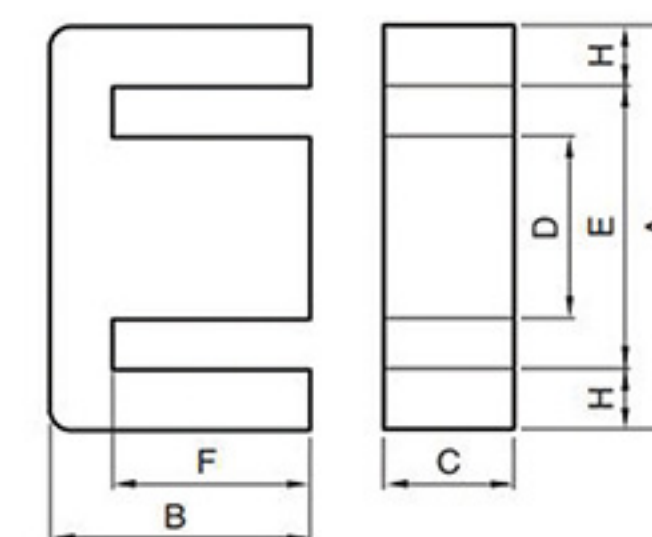


Fig. 1

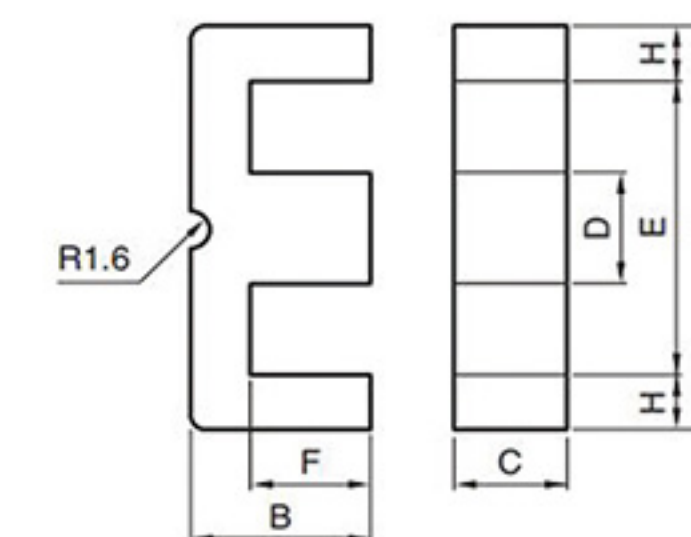


Fig 2

NO.	品名		形状 图示	尺寸规格(Unit : mm)						磁芯 常数 C1 (mm <sup>-1</sup> )	实效截面 面积 Ae (mm <sup>2</sup> )	最小实效截 面面积 Aemin (mm <sup>2</sup> )	实效磁路 长度 Le (mm)	实效 体积 Ve (mm <sup>3</sup> )	重量 Weight (g/Pr)	电气特性		IEC 63093- 8:2018 参考名称
	磁芯形状	材质		A	B	C	D	E	F							Al-value(nH/N <sup>2</sup> )		
																※1kHz,0.5mA		
																无气隙	带气隙	
8	EF12.6	SMP40	Fig.1	12.65±0.45	6.40±0.10	3.55±0.15	3.55±0.15	9.20±0.30	4.65±0.15	2.394	12.40	12.200	29.70	369	1.9	810±25%		E13/4
		SMP47														850±25%		
		SMP95														1020±25%		
9	EE13	SMP40	Fig.1	13.0±0.2	6.0±0.15	6.15±0.15	2.75±0.15	10.20±0.20	4.6±0.1	1.766	17.10	16.900	30.20	517	2.7	1130±25%	63±7% 100±10%	E13/6
		SMP47														1130±25%		
		SMP95														1460±25%		
10	EE14	SMP40	Fig.1	13.7±0.35	11.6±0.15	4.8±0.2	3.6±0.15	9.75	9.8±0.15	2.972	17.30	17.30	51.30	887	3.6	700±25%		
11	SEE16	SMP40	Fig.1	16.0±0.3	7.15±0.15	6.8±0.2	3.18±0.18	12.5	5.5±0.1	1.69	22.60	21.600	36.80	830	4.1	1240±25%	80±7% 160±10%	
		SMP47														1240±25%		
12	EE16	SMP40	Fig.1	16.0±0.3	7.15±0.15	4.8±0.2	4.0±0.2	12.0±0.3	5.2±0.2	1.837	19.00	18.70	35.00	667	3.3	1140±25%	80±7% 160±10%	E16/4.8
		SMP47														1140±25%		
		SMP95														1350±25%		
		SMP90														1140±25%		
13	EF16	SMP40	Fig.1	16.10±0.60	8.05±0.15	4.50±0.20	4.55±0.15	11.60±0.30	5.90±0.20	1.872	20.10	19.400	37.60	754	3.88	1100±25%		E16/5
		SMP47														1150±25%		
		SMP95														1450±25%		
14	EE16.3/24	SMP40	Fig.1	16.3±0.3	12.2±0.2	4.8±0.2	4.0±0.2	11.9 min	10.2±0.2	2.853	19.40	19.20	55.30	1072.0	5.2	800±25%		
15	EE19	SMP40	Fig.1	19.0±0.4	8.00±0.20	5.0±0.2	4.5±0.2	14.5±0.3	5.6±0.2	1.726	23.00	22.500	39.70	912	4.8	1250±25%	80±7% 160±10%	E19/5
		SMP47														1250±25%		
		SMP95														1550±25%		
16	EE19/16	SMP40	Fig.1	19.29±0.32	8.1±0.18	4.75±0.13	4.75±0.08	14.37±0.32	5.715±0.125	1.751	22.90	22.600	40.00	914	4.8	1350±25%	80±7% 160±10%	E19.3/4.8
		SMP47														1350±25%		
		SMP95														1450±25%		

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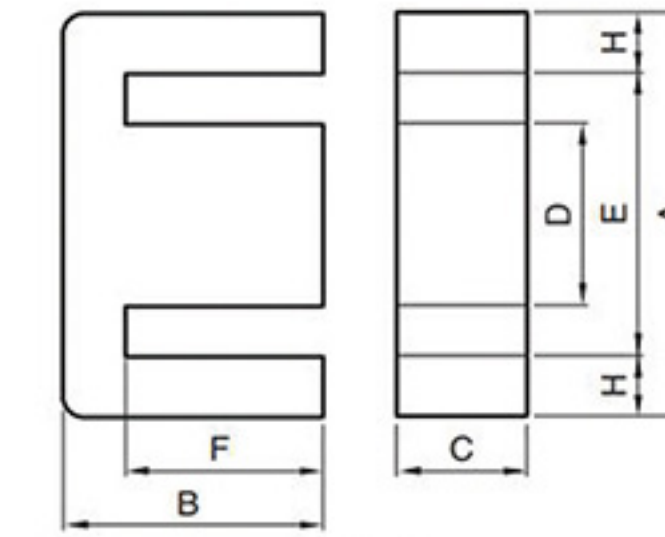


Fig. 1

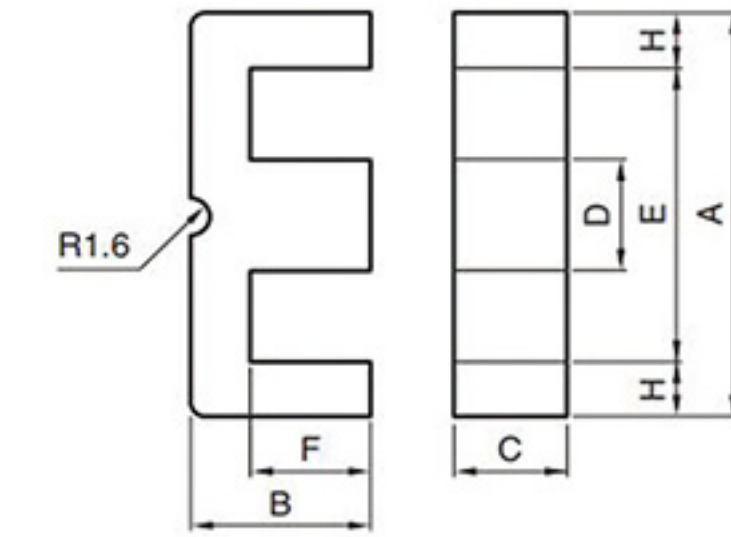


Fig 2

NO.	品名		形状 图示	尺寸规格(Unit: mm)						磁芯 常数 C1 (mm <sup>-1</sup> )	实效截面 面积 Ae (mm <sup>2</sup> )	最小实效截 面面积 Aemin (mm <sup>2</sup> )	实效磁路 长度 Le (mm)	实效 体积 Ve (mm <sup>3</sup> )	重量 Weight (g/Pr)	电气特性		IEC 63093- 8:2018 参考名称
	磁芯形状	材质		A	B	C	D	E	F							Al-value(nH/N <sup>2</sup> )		
																※1kHz,0.5mA		
																无气隙	带气隙	
17	EE19/27/5	SMP40 SMP44 SMP47	Fig.1	20.0±0.3	13.55±0.25	5.0±0.2	4.55±0.15	14.3	11.15±0.15	2.540	24.40	22.800	61.85	1518	7.9	670min 890±25% 670min		
18	EE19/27S	SMP40	fig.1	20.0±0.3	13.55±0.25	4.0±0.2	4.55±0.15	14.3	11.15±0.15	3.180	19.50	18.20	61.85	1210.0	6.35	550min		
19	EE19/28	SMP40	fig.1	20.0±0.3	14.75±0.25	5.0±0.2	4.55±0.15	14.5	12.0±0.15	2.665	24.80	22.80	66.00	1636.0	8.2	670min		
20	EE20/20/5	SMP40	fig.1	20.15±0.55	10.0±0.2	5.1±0.2	5.0±0.2	12.8	6.5±0.2	1.426	30.5	25.5	43	1340	7.5	1400±25% 1400±25%	100±7% 160±10%	
21	EF20	SMP40	fig.1	20.10±0.70	10.0±0.2	5.65±0.25	5.7±0.2	14.4±0.3	7.2±0.2	1.447	32	31.6	46.4	1490	7.65	1540±25%		E20/6
22	EE22	SMP40 SMP47	fig.1	22.0±0.3	9.35±0.15	5.75±0.25	5.75±0.25	13	5.35±0.15	0.97	40.7	33.1	39.6	1620	8.8	2180±25% 2180±25%	125±7% 250±10%	
23	EE22/29/6	SMP40 SMP95	fig.1	22.0±0.4	14.7±0.2	5.75±0.25	5.75±0.25	15.75	10.70±0.2	1.782	35.4	33.1	63.2	2263	12	1300±25% 1800±25%		
24	EE22.4	SMP40	fig.1	22.4±0.4	9.2±0.2	5.9±0.2	6.15±0.2	14.1	5.5±0.2	0.997	41.4	36.3	41.3	1708.0	9.25	2000±25%		
25	EF25	SMP40	fig.1	25.05±0.75	12.55±0.25	7.20±0.30	7.25±0.25	17.90±0.40	8.95±0.25	1.114	51.8	51.5	57.8	2990	15	1330±25%		E25/7
26	EE25/19	SMP40 SMP47 SMP95	fig.1	25.4±0.5	9.46±0.19	6.29±0.19	6.35±0.25	19.18±0.63	6.41±0.19	1.232	39.1	38.4	48.7	1950	9.1	2000±25% 2000±25% 2100±25%	100±7% 200±10%	E25.4/6.3
27	EE25.4	SMP40	fig.1	25.4±0.5	9.50±0.20	6.35±0.25	6.35±0.30	19.00±0.40	6.4±0.2	1.198	40.2	39.4	48.1	1930	10	1870±25%		E25.4/6
28	EE25.4/32	SMP40	fig.1	25.4±0.5	15.85±0.3	6.35±0.25	6.35±0.30	18.8	12.7±0.3	1.856	39.6	38.7	73.4	2963	15	1330±25%		
29	EE28/33/11	SMP40	fig.1	28.0±0.5	16.75±0.25	10.6±0.2	7.2±0.3	18.6	12.25±0.25	0.85	86.1	76.3	73.5	6333.0	33.0	2850±25%		
30	EE28/21	SMP40 SMP47	fig.1	28.0±0.5	10.5±0.25	10.6±0.2	7.2±0.3	18.5	6.20±0.25	0.57	86.5	76.3	49.3	4265	22	3900±25% 3900±25%		

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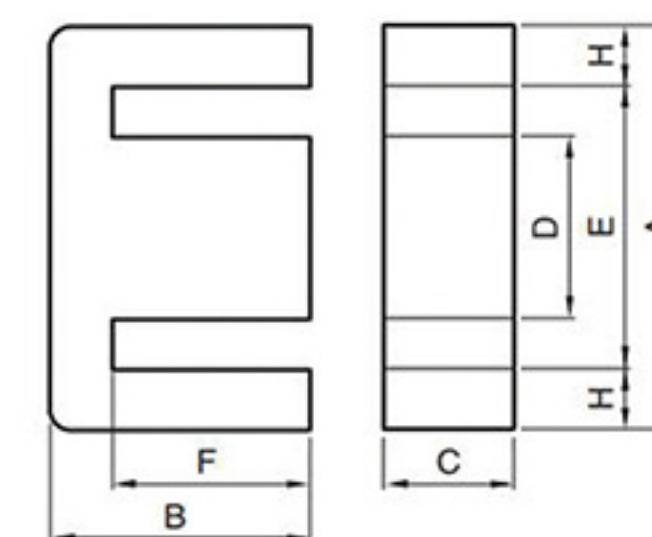


Fig. 1

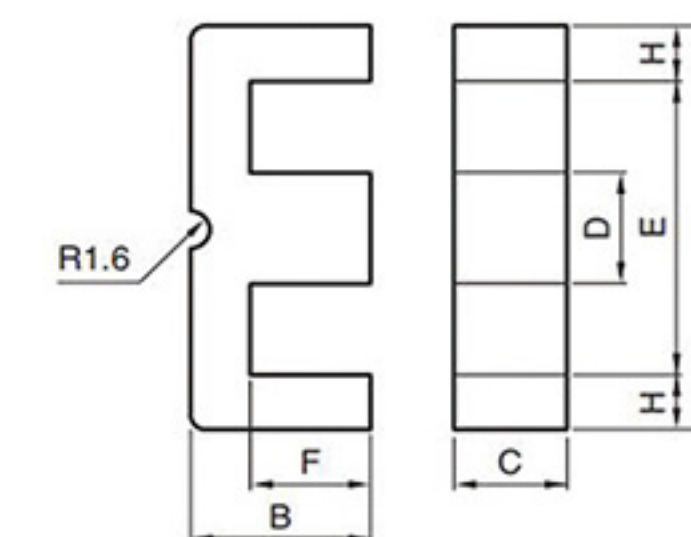


Fig 2

NO.	品名		形状 图示	尺寸规格(Unit : mm)						磁芯 常数 C1 (mm <sup>-1</sup> )	实效截面 面积 Ae (mm <sup>2</sup> )	最小实效截 面面积 Aemin (mm <sup>2</sup> )	实效磁路 长度 Le (mm)	实效 体积 Ve (mm <sup>3</sup> )	重量 Weight (g/Pr)	电气特性		IEC 63093- 8:2018 参考名称
	磁芯形状	材质		A	B	C	D	E	F							Al-value(nH/N <sup>2</sup> )		
																※1kHz,0.5mA		
																无气隙	带气隙	
31	EE30	SMP40 SMP47	fig.1	30.0±0.5	13.15±0.15	10.7±0.3	10.7±0.3	20.0±0.5	8.15±0.15	0.529	110	107	58.1	6370	32	4690±25%	200±5%	E30/11
															4690±25%	400±7%		
32	EE30/30/7	SMP40 SMP47	Fig.2	30.1±0.7	15.0±0.2	7.05±0.25	6.95±0.25	19.5	9.95±0.25	1.12	59.7	49	65.7	3924	22	2100±25%	160±5%	
															2100±25%	250±7%		
33	EE30.5	SMP40 SMP47	fig.1	30.5+0.8/-0.5	13.2±0.15	9.4±0.3	9.4±0.25	21.8	8.85±0.20	0.755	82	77.1	61.9	5070	29	2550±25%		
															2550±25%			
34	EF32	SMP40 SMP47	fig.1	32.1±0.8	16.1±0.3	9.15±0.35	9.2±0.3	23.2±0.5	11.5±0.3	0.893	83.2	81.4	74.3	6180	31.9	2600±25%		E32/9
															2700±25%			
35	EE33	SMP40	fig.1	33.2±0.5	13.8±0.3	12.7±0.3	9.7±0.3	23.6±0.5	9.30±0.30	0.548	120.0	114.0	65.7	7860.0	40.9	4350±25%		E33/13
36	EE33/28/11	SMP40	fig.1	33.2±0.5	14.15±0.15	12.7±0.3	9.8±0.3	23.7	9.65±0.15	0.573	117.4	114.3	67.3	7910.0	40.0	3940±25%		
37	EE33/47	SMP40 SMP47	fig.1	33.0±0.5	23.75±0.25	12.7±0.3	9.7±0.3	23.8	19.25±0.25	0.912	115.8	110.5	105.6	12235	62	2800±25%		
															3500±25%			
38	EE35/30	SMP40	fig.1	35.1±0.6	15.5±0.30	10.0±0.3	10.0±0.3	25.0±0.5	9.5±0.30	0.660	106.0	100.0	70.0	7420.0	39.3	3610±25%		E35/10
39	EE35/29	SMP40	fig.1	35.0±0.5	14.25±0.25	10.0±0.25	10.0±0.25	24.5	9.5±0.25	0.695	98.3	95.0	68.3	6709.0	34.8	3610±25%		
40	EE35/28	SMP40 SMP47	fig.1	34.6±0.5	14.25±0.35	9.3±0.3	9.4±0.3	25	9.75±0.25	0.819	84.9	83.6	69.5	5910	28	2700±25%	200±5%	E34.6/9
															2700±25%	400±7%		
41	EE35	SMP40 SMP47	fig.1	34.5±1.0	14.35±0.35	9.5±0.35	9.4±0.3	24.9	9.7±0.3	0.806	86.2	81.7	69.6	6000	57	3170±25%	200±5%	
															3170±25%	400±7%		
42	EF35	SMP40	fig.1	35.0±0.5	17.5±0.25	10.0±0.3	10±0.3	24.5	12.5±0.25	0.807	100.0	100.0	80.7	8070.0	42.5	3060±25%		
43	EE40	SMP40 SMP47	fig.1	40.1±0.6	17.0±0.3	10.7±0.3	10.7±0.3	28.0±0.5	10.3±0.3	0.606	128	114	77.5	9890	50	4150±25%	200±5%	E40/11
															4150±25%	400±7%		
44	EE41/33B	SMP40	fig.1	41.28±0.8	16.76±0.13	12.7±0.25	12.7±0.25	28.01	10.41±0.13	0.48	160.3	158.5	77.6	12442.0	64.0	5060±25%		

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SMP40 EE8 - Z 或 A80

材质 磁芯形状 AL 值 (Z: 无气隙 A80: AL 值为 80nH/N<sup>2</sup>)

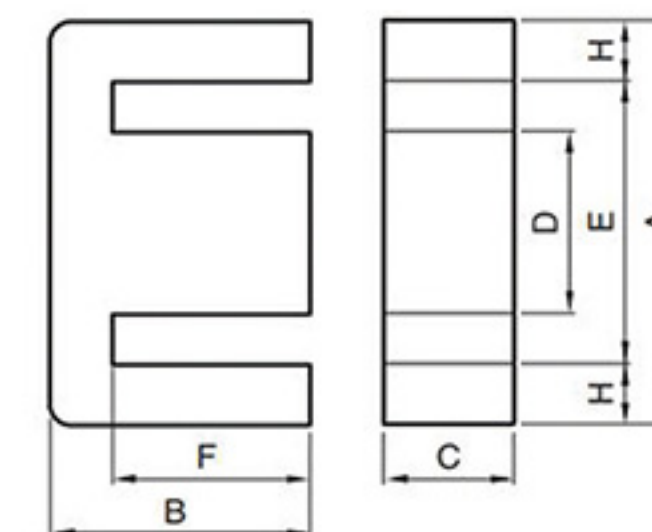


Fig. 1

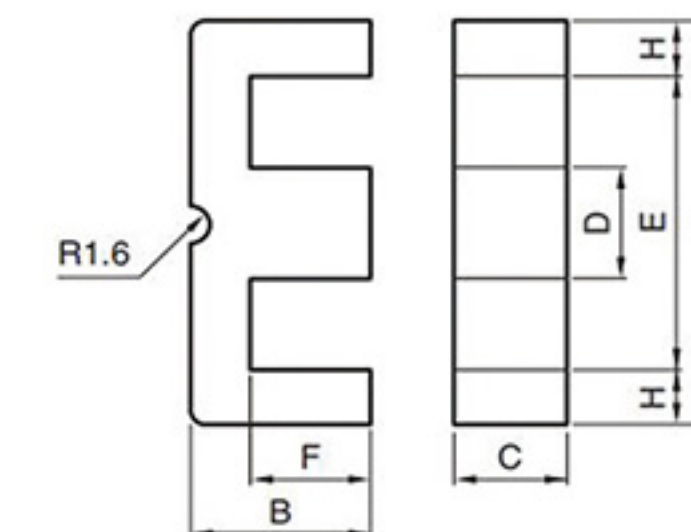


Fig 2

NO.	品名		形状 图示	尺寸规格(Unit: mm)						磁芯 常数 C1 (mm <sup>-1</sup> )	实效截面 面积 Ae (mm <sup>2</sup> )	最小实效截 面面积 Aemin (mm <sup>2</sup> )	实效磁路 长度 Le (mm)	实效 体积 Ve (mm <sup>3</sup> )	重量 Weight (g/Pr)	电气特性		IEC 63093- 8:2018 参考名称	
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																※1kHz,0.5mA			
																无气隙	带气隙		
45	EE41/33C	SMP40	fig.1	41.07±0.8	17.05±0.2	12.57±0.38	12.64±0.45	28.55	10.65±0.3	0.495	157	151	77.6	12200	64	5060±25%	200±5%	E41/13	
		SMP47														5060±25%	400±7%		
46	EE42/42/15	SMP40	fig.1	42.15±0.85	21.0±0.2	14.95±0.25	11.95±0.25	29.5	15.15±0.35	0.546	178	175	97.4	17300	80	4700±25%	250±5%	400±7%	E42/15
		SMP47														4700±25%			
		SMP95														6000±25%			
47	EE42/42/20	SMP40	fig.1	42.15±0.85	21.0±0.2	19.7±0.3	11.95±0.25	29.5	15.15±0.35	0.415	233	229	97.4	22700	116	6100±25%	250±5%	400±7%	E42/20
		SMP44														6100±25%			
		SMP47														6100±25%			
48	EE47/39	SMP40	fig.1	47.12±0.68	19.63±0.2	15.62±0.25	15.62±0.25	31.72	12.20±0.13	0.379	235	229	89.1	20900	108	6660±25%	250±5%	400±7%	E47/16
		SMP47														6660±25%			
49	EE50	SMP40	fig.1	50.0±0.7	21.3±0.3	14.6±0.4	14.6±0.4	34.2	12.75±0.25	0.425	226	213	96.3	21800	116	6110±25%	250±5%	500±7%	E50/15
		SMP47														6110±25%			
		SMP95														8020±25%			
50	EE55/55/21	SMP40	fig.1	55.15±1.05	27.5±0.3	20.7±0.3	16.95±0.25	37.5	18.8±0.3	0.348	354	350	123	43700	234	7100±25%	250±5%	400±7%	E55/21
		SMP44														7100±25%			
		SMP47														7100±25%			
		SMP95														9900±25%			
51	EE55/55/25	SMP40	fig.1	55.15±1.05	27.5±0.3	24.6±0.4	16.95±0.25	37.5	18.8±0.3	0.294	420	417	124	51900	268	8500±25%			E55/25
		SMP44														8500±25%			
		SMP47														8700±25%			
		SMP95														12000±25%			

# FERRITE CORE | EE-Core

磁芯品名规则说明 (例)

SMP40 EE8 - Z 或 A80

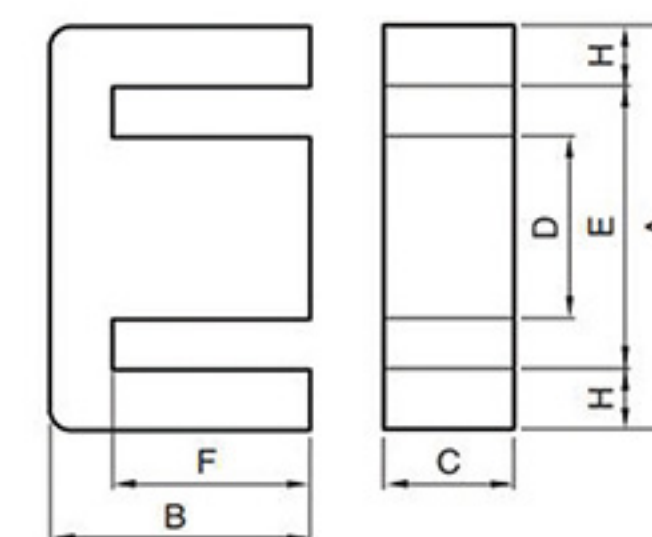


Fig. 1

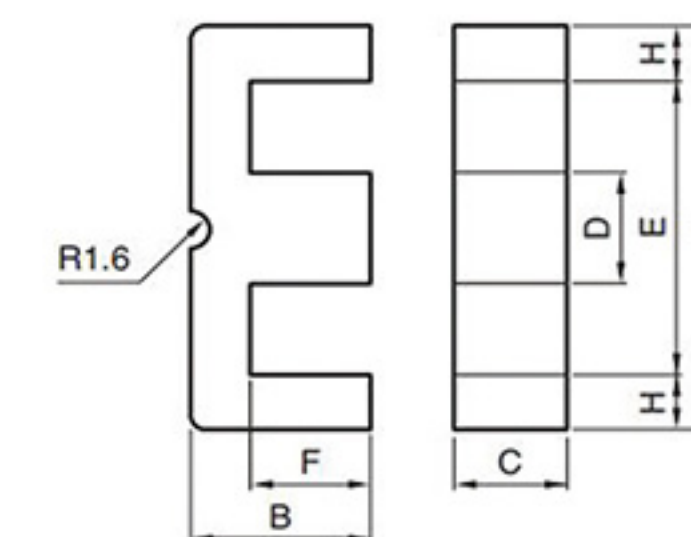


Fig 2

NO.	品名		形状 图示	尺寸规格(Unit: mm)						磁芯 常数 C1 (mm <sup>-1</sup> )	实效截面 面积 Ae (mm <sup>2</sup> )	最小实效截 面面积 Aemin (mm <sup>2</sup> )	实效磁路 长度 Le (mm)	实效 体积 Ve (mm <sup>3</sup> )	重量 Weight (g/Pr)	电气特性		IEC 63093- 8:2018 参考名称
	磁芯形状	材质		A	B	C	D	E	F							Al-value(nH/N <sup>2</sup> )		
																※1kHz,0.5mA		
																无气隙	带气隙	
52	EE57/47	SMP40 SMP47	fig.1	56.57±1.0	23.6±0.23	18.8±0.25	18.8±0.25	38.1	14.63±0.15	0.315	339	328	107	36273	190	8530±25%	250±5%	
53	EE60	SMP40 SMP47	fig.1	50.0±1.0/-0.8	22.3±0.3	15.6±0.4	15.6±0.4	43.8	14.05±0.25	0.441	249	243	110	27300	135	5670±25%	250±5%	E60/16
54	EE65	SMP40 SMP47	fig.1	65.15±1.35	32.5±0.3	27.0±0.5	19.65±0.40	44.95±1.35	22.6±0.4	0.273	537	530	147	78900	135	4050±25%	250±5%	E65/27
55	EE70/91/15	SMP32 SMP40 SMP90	fig.1	70.0±1.5	45.5±0.5	19.5±0.5	19.5±0.5	48.5	35.5±0.5	0.528	386	380	204	78690	394	3930±25%		
56	EE70/108/31	SMP32 SMP40 SMP90	fig.1	70.0±1.5	54.0±0.5	31.6±0.5	22.2±0.5	46.3	42.8±0.5	0.33	703	702	232	162900	815	6360±25%		
57	EE80/76/20	SMP32 SMP40 SMP90	fig.1	80.0±1.5	38.0±0.5	20.0±0.5	20.0±0.5	58.5	27.5±0.4	0.449	406	400	182	73910	372	4590±25%		
58	EE90/56/16	SMP32 SMP40 SMP90	fig.1	90.0±2.0	28.2±0.5	16.5±0.5	25.0±1.0	63	15.2±0.5	0.336	419	412	141	59050	306	5960±25%		
59	EE100/106/10	SMP40	fig.1	100.0±2.0	53.0±0.7	10.0±0.4	25.0±0.5	74	40.5±0.5	1.022	246	240	251.8	61943	815	2000 Min		