

FERRITE CORE | EI-Core

磁芯品名规则说明示例

SMP40 EI25 - Z 或 A125

材质、磁芯形状、AL值 (Z:无气隙, A125:AL值为125nH/N²)

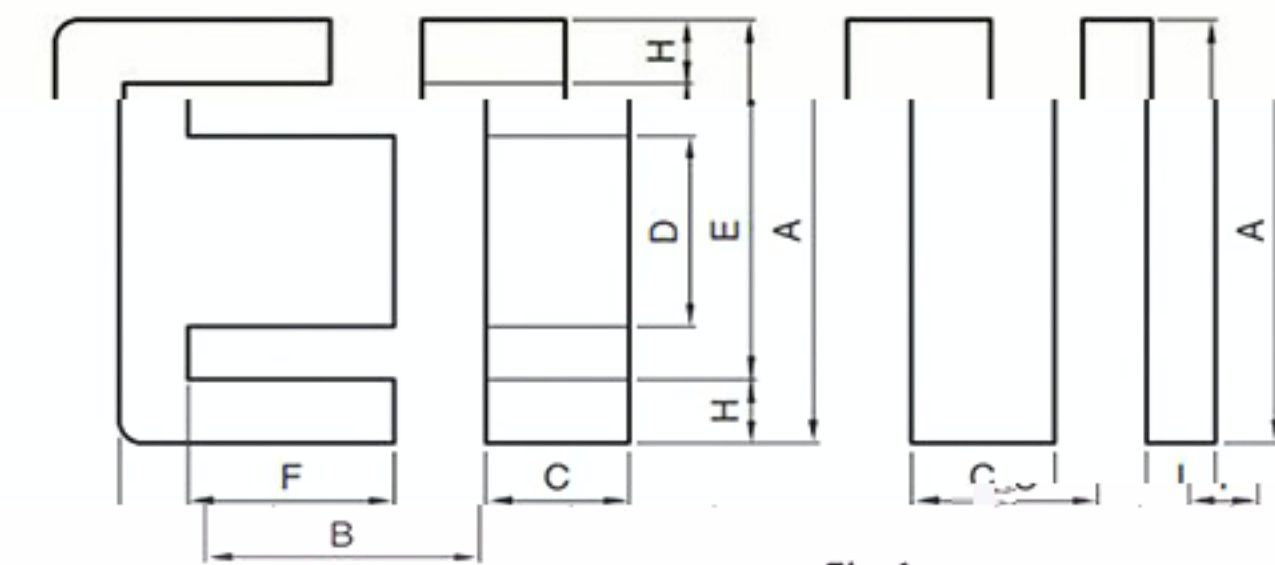


Fig.1

NO.	品名 磁芯形状	形状 材质	图示	尺寸规格(Unit: mm)							磁芯 常数 C1 (mm ⁻¹)	实效截面 面积 Ae (mm ²)	最小实效截 面面积 Aemin (mm ²)	实效磁路 长度 Le (mm)	实效 体积 Ve (mm ³)	重量 Weight (g/Pr.)	电气特性		IEC 63093- 8:2018 参考名称
				A	B	C	D	E	F	I							AL-value(nH/N ²)	气隙	
				12.4±0.3	7.4±0.1	4.85±0.15	2.4±0.1	8.8min	5.1±0.1	1.5±0.1							1480	14.40	
1	EI12.5	SMP40 SMP47 SMP95	Fig.1	12.4±0.3	7.4±0.1	4.85±0.15	2.4±0.1	8.8min	5.1±0.1	1.5±0.1	1480	14.40	11.60	21.30	308	1.9	1150±25%	63±7%	
2	EI16	SMP40 SMP47 SMP95	Fig.1	16.0±0.3	12.2±0.2	4.8±0.2	4.8±0.2	11.6min	10.2±0.2	2.0±0.2	1750	19.80	19.20	54.80	685	3.5	1150±25%	160±10%	
3	EI19	SMP40 SMP47 SMP95	Fig.1	20.0±0.3	13.55±0.25	5.0±0.2	4.55±0.15	14.3min	11.15±0.15	2.3±0.1	1650	24.00	22.80	39.60	950	5.1	1400±25%	80±7%	
4	EI22/19	SMP40 SMP47 SMP95	Fig.1	22.0±0.4	14.7±0.2	5.75±0.25	5.75±0.25	15.75min	10.7±0.2	4.0±0.2	1130	37.00	33.100	41.80	1550	8.5	1900±25%	125±7%	250±10%
5	EI25	SMP40 SMP47 SMP95	Fig.1	25.3±0.5	15.55±0.25	6.75±0.25	6.5±0.3	19.0 min	12.35±0.25	2.7±0.2	1150	41.00	39.800	47.00	1930	9.8	1960±25%	125±7%	250±10%
6	EI26	SMP40 SMP47 SMP95	Fig.1	26.0±0.5	16.75±0.25	10.6±0.2	7.2±0.3	18.6min	12.25±0.25	3.5±0.3	1050	38.00	36.300	48.20	1450	12.2	1450±25%	200±5%	400±7%
7	EI28	SMP40 SMP47 SMP95	Fig.1	28.0±0.5	17.75±0.25	10.6±0.2	7.2±0.3	18.6min	12.25±0.25	3.5±0.3	1050	38.00	36.300	48.20	1450	12.2	1450±25%	200±5%	400±7%

FERRITE CORE | EI-Core

磁芯品名规则说明(示例)

SMP40-EI25 - Z 或 A125

材质: 磁芯材料为A, 铁芯为Z或A125, 铁芯为A125

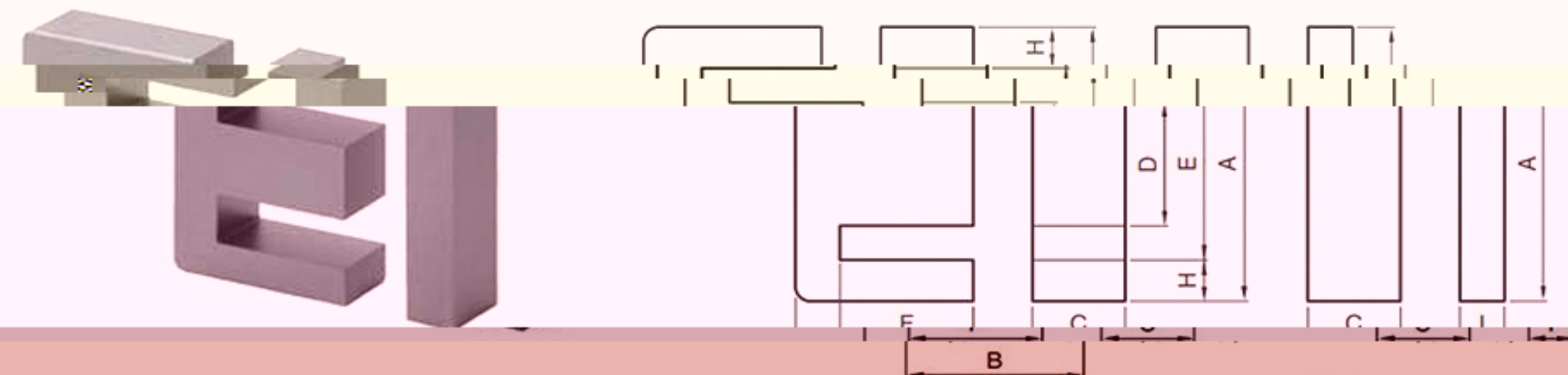


Fig.1

NO.	磁芯形状	材质	图示	A	B	C	D	E	F	I	C1	Ae	Aemin	Le	Ve	Weight	无气隙	带气隙						
											(mm ²)	(mm ²)	(mm ²)	(mm)	(mm ³)	(g/Pr)	×1kHz,0.5mA	×1kHz,0.5mA						
1	EI25	SMP40	Fig.1	30.0±0.4	21.25±0.25	10.7±0.3	10.7±0.3	19.8min	16.85±0.25	5.5±0.2	0.632	111.00	107.00	58.00	64.00	254	4500±25%	200±5%						
2	EI30	SMP47	Fig.1	35.0±0.5	24.25±0.25	10.0±0.3	10.0±0.3	24.5min	18.15±0.25	4.6±0.3	0.664	101.00	100.00	67.10	67.60	250	4800±25%	400±7%						
3	EI35	SMP47	Fig.1	35.0±0.5	24.25±0.25	10.0±0.3	10.0±0.3	24.5min	18.15±0.25	4.6±0.3	0.664	101.00	100.00	67.10	67.60	250	4800±25%	400±7%						
4	EI40	SMP40	Fig.1	40.0±0.5	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00	114.00	60	4200±25%	300±5%						
5	EI40	SMP47	Fig.1	40.0±0.5	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00	114.00	60	4200±25%	300±5%						
6	EI40	SMP95	Fig.1	40.0±0.5	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00	114.00	60	5900±25%	400±7%						
7	EI50	SMP40	Fig.1	50.0±0.5	33.0±0.5	12.7±0.3	12.7±0.3	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	8030	41	4400±25%	560±7%					
8	EI50	SMP47	Fig.1	50.0±0.5	33.0±0.5	12.7±0.3	12.7±0.3	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	8030	41	4400±25%	560±7%					
9	EI50	SMP95	Fig.1	50.0±0.5	33.0±0.5	12.7±0.3	12.7±0.3	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	8030	41	4400±25%	560±7%					
10	EI60	SMP40	Fig.1	60.0±0.5	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00	11400	60				
11	EI60	SMP47	Fig.1	60.0±0.5	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00	11400	60				
12	EI60	SMP95	Fig.1	60.0±0.5	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00	11400	60				
13	EI70	SMP40	Fig.1	70.0±0.5	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	8030	41			
14	EI70	SMP47	Fig.1	70.0±0.5	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	8030	41			
15	EI70	SMP95	Fig.1	70.0±0.5	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	8030	41			
16	EI80	SMP40	Fig.1	80.0±0.5	51.0±0.5	16.0±0.5	16.0±0.5	51.0min	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00		
17	EI80	SMP47	Fig.1	80.0±0.5	51.0±0.5	16.0±0.5	16.0±0.5	51.0min	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00		
18	EI80	SMP95	Fig.1	80.0±0.5	51.0±0.5	16.0±0.5	16.0±0.5	51.0min	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	148.00	135.700	77.00		
19	EI90	SMP40	Fig.1	90.0±0.5	57.0±0.5	17.0±0.5	17.0±0.5	57.0min	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	
20	EI90	SMP47	Fig.1	90.0±0.5	57.0±0.5	17.0±0.5	17.0±0.5	57.0min	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	
21	EI90	SMP95	Fig.1	90.0±0.5	57.0±0.5	17.0±0.5	17.0±0.5	57.0min	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567	119.00	113.000	67.50	
22	EI100	SMP40	Fig.1	100.0±0.5	63.0±0.5	18.0±0.5	18.0±0.5	63.0min	51.0±0.5	16.0±0.5	16.0±0.5	51.0min	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	
23	EI100	SMP47	Fig.1	100.0±0.5	63.0±0.5	18.0±0.5	18.0±0.5	63.0min	51.0±0.5	16.0±0.5	16.0±0.5	51.0min	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	
24	EI100	SMP95	Fig.1	100.0±0.5	63.0±0.5	18.0±0.5	18.0±0.5	63.0min	51.0±0.5	16.0±0.5	16.0±0.5	51.0min	39.0±0.5	14.0±0.5	14.0±0.5	39.0min	27.25±0.25	11.65±0.35	11.65±0.35	27.2min	20.25±0.25	7.5±0.3	0.520	
25	EI125	SMP40	Fig.1	125.0±0.5	75.0±0.5	20.0±0.5	20.0±0.5	75.0min	63.0±0.5	18.0±0.5	18.0±0.5	63.0min	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567
26	EI125	SMP47	Fig.1	125.0±0.5	75.0±0.5	20.0±0.5	20.0±0.5	75.0min	63.0±0.5	18.0±0.5	18.0±0.5	63.0min	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567
27	EI125	SMP95	Fig.1	125.0±0.5	75.0±0.5	20.0±0.5	20.0±0.5	75.0min	63.0±0.5	18.0±0.5	18.0±0.5	63.0min	45.0±0.5	15.0±0.5	15.0±0.5	45.0min	33.0±0.5	13.0±0.5	13.0±0.5	33.0min	23.6min	19.25±0.25	5.0±0.3	0.567