

# EE Cores



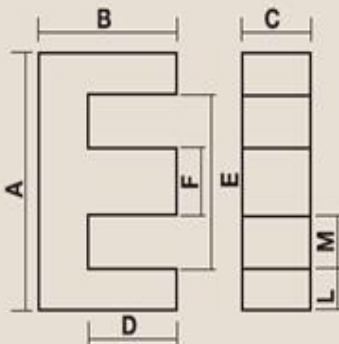
## Characteristic

- .High Energy storage
- .No magnetic flux leakage
- .Good temperature stability
- .Low core loss under high frequency

## Application

- .High inductive choke coil
- .Flyback transformer
- .Multilevel circuit choke
- .Output Choke Coil for switching power supply

## Product identification



**ES 43 21 A - 060**

PERMEABILITY: 60  $\mu$  | Efficient Permeability: 26, 40, 60, 90 $\mu$

Height of E core

Width: 21mm

SIZE : 8.0mm~38.1mm

Length: 43mm

SIZE : 19.0mm~80.0mm

Sendust E core

EK: Mega Flux®

Part No.	Dimensions									Path	Cross	AL value (nH/n <sup>2</sup> ) $\pm$ 12%			
	A	B	C	D[min]	E[min]	F	L[nom]	M[min]	Length	Section					
									(cm)	Area	(cm <sup>2</sup> )				
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			026 $\mu$	040 $\mu$	060 $\mu$	090 $\mu$	
ES 1908A	19.3 $\pm$ 0.3	8.1 $\pm$ 0.2	4.8 $\pm$ 0.2	5.5	13.9	4.8 $\pm$ 0.2	2.3	4.7	4.01	0.228	26	35	48	69	
ES 2510A	25.1 $\pm$ 0.3	9.6 $\pm$ 0.2	6.5 $\pm$ 0.2	6.2	18.8	6.1 $\pm$ 0.2	3	6.3	4.85	0.385	39	52	70	100	
ES 3015A	30.1 $\pm$ 0.3	15.0 $\pm$ 0.2	7.1 $\pm$ 0.2	9.7	19.5	7.0 $\pm$ 0.2	5.1	6.4	6.56	0.601	33	46	71	92	
ES 3515A	34.5 $\pm$ 0.3	14.1 $\pm$ 0.2	9.3 $\pm$ 0.2	9.6	25.3	9.3 $\pm$ 0.2	4.4	7.9	6.94	0.84	56	75	102	146	
ES 4117A	40.9 $\pm$ 0.6	16.5 $\pm$ 0.3	12.5 $\pm$ 0.3	10.4	28.3	12.5 $\pm$ 0.3	6	7.9	7.75	1.52	88	119	163	234	
ES 4321A	42.8 $\pm$ 0.7	21.1 $\pm$ 0.4	10.8 $\pm$ 0.3	15	30.4	11.7 $\pm$ 0.3	5.9	9.5	9.84	1.28	56	76	105	151	
ES 4321B	42.8 $\pm$ 0.7	21.1 $\pm$ 0.4	15.4 $\pm$ 0.3	15	30.4	11.7 $\pm$ 0.3	5.9	9.5	9.84	1.83	80	108	150	217	
ES 4321C	42.8 $\pm$ 0.7	21.1 $\pm$ 0.4	20.0 $\pm$ 0.3	15	30.4	11.7 $\pm$ 0.3	5.9	9.5	9.84	2.37	104	140	194	281	
ES 5528A	54.9 $\pm$ 0.8	27.6 $\pm$ 0.4	20.6 $\pm$ 0.4	18.5	37.5	16.8 $\pm$ 0.4	8.4	10.3	12.3	3.5	116	157	219		
ES 5528B	54.9 $\pm$ 0.8	27.6 $\pm$ 0.4	24.6 $\pm$ 0.4	18.5	37.5	16.8 $\pm$ 0.4	8.4	10.3	12.3	4.17	138	187	261		
ES 6533A	65.1 $\pm$ 1.0	32.5 $\pm$ 0.5	27.0 $\pm$ 0.4	22.2	44.2	19.7 $\pm$ 0.4	10	12.1	14.7	5.4	162	230	300		
ES 7228A	72.4 $\pm$ 1.1	27.9 $\pm$ 0.5	19.0 $\pm$ 0.4	17.8	52.6	19.1 $\pm$ 0.4	9.5	16.9	13.7	3.68	130	173	236		
ES 8038A	80.0 $\pm$ 1.2	38.1 $\pm$ 0.6	19.8 $\pm$ 0.4	28.1	59.3	19.8 $\pm$ 0.4	9.9	19.8	18.5	3.89	103	145	190		

MEGA FLUX :  
EK4321A-060

Part No.	Dimensions								Path	Cross	AL value (nH/n <sup>2</sup> )±12%			
									Length	Section				
	(cm)	Area	026μ	040μ	060μ	090μ								
	(mm)	(mm)					(mm)	(mm)	(mm)	(mm)				
EK 1908A	19.3±0.3	8.1±0.2	4.8±0.2	5.5	13.9	4.8±0.2	2.3	4.7	4.01	0.228	26	35	48	
EK 2510A	25.1±0.3	9.6±0.2	6.5±0.2	6.2	18.8	6.1±0.2	3	6.3	4.85	0.385	39	52	70	
EK 3015A	30.1±0.3	15.0±0.2	7.1±0.2	9.7	19.5	7.0±0.2	5.1	6.4	6.56	0.601	33	46	71	
EK 3515A	34.5±0.3	14.1±0.2	9.3±0.2	9.6	25.3	9.3±0.2	4.4	7.9	6.94	0.84	56	75	102	
EK 4117A	40.9±0.6	16.5±0.3	12.5±0.3	10.4	28.3	12.5±0.3	6	7.9	7.75	1.52	88	119	163	
EK 4321A	42.8±0.7	21.1±0.4	10.8±0.3	15	30.4	11.7±0.3	5.9	9.5	9.84	1.28	56	76	105	
EK 4321B	42.8±0.7	21.1±0.4	15.4±0.3	15	30.4	11.7±0.3	5.9	9.5	9.84	1.83	80	108	150	
EK 4321C	42.8±0.7	21.1±0.4	20.0±0.3	15	30.4	11.7±0.3	5.9	9.5	9.84	2.37	104	140	194	
EK 5528A	54.9±0.8	27.6±0.4	20.6±0.4	18.5	37.5	16.8±0.4	8.4	10.3	12.3	3.5	116	157	219	
EK 5528B	54.9±0.8	27.6±0.4	24.6±0.4	18.5	37.5	16.8±0.4	8.4	10.3	12.3	4.17	138	187	261	
EK 6533A	65.1±1.0	32.5±0.5	27.0±0.4	22.2	44.2	19.7±0.4	10	12.1	14.7	5.4	162	230	300	
EK 7228A	72.4±1.1	27.9±0.5	19.0±0.4	17.8	52.6	19.1±0.4	9.5	16.9	13.7	3.68	130	173	236	
EK 8038A	80.0±1.2	38.1±0.6	19.8±0.4	28.1	59.3	19.8±0.4	9.9	19.8	18.5	3.89	103	145	190	