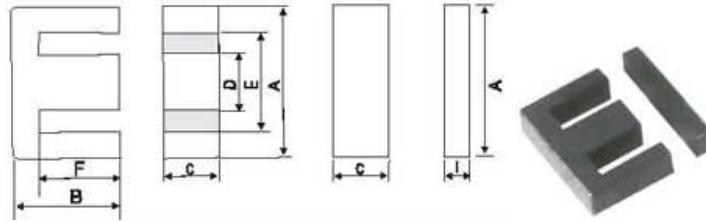


EI Core



Introduce of EI-core

Since EI-core has two open coil sides, ferrite EI core provide substantial room to bring high current lead wires out from the coil. This also permits good heat dissipation. EI-core is characterized by less core loss, high yield-resistance and high permeability, and ferrite EI core is easier to achieve high voltage electrical.

Application of EI-core

EI cores are used for voltage and current transformers. When EI cores are for mains transformers possess many benefits such as low noise, low magnetising current, fast assembly, and low cost.

Type	Dimensions (mm)						
	A	B	C	D	E	F	I
E116	16.0±0.4	12.4±0.3	4.8±0.2	4.0±0.2	11.7min	10.4±0.3	2.0±0.2
E116A	16.0±0.3	14.7±0.3	4.8±0.2	4.0±0.2	11.8min	10.8±0.2	2.0±0.2
E119A	19.0±0.3	15.9±0.4	4.85±0.25	4.85±0.25	14.0±0.3	11.3±0.3	2.35±0.2
E122A/B	22.2±0.3	14.4±0.25	5.75±0.25	5.8±0.3	12.8min	10.5±0.3	4.5±0.2
E122	22.0±0.6	15.0±0.3	6 ⁺⁰ -0.5	6 ⁺⁰ -0.5	15.6min	11.0±0.3	4.5±0.3
E122C	22.0±0.4	19.0±0.4	5.75±0.25	5.75±0.25	16.0±0.4	11.0±0.2	4.0±0.2
E125B/25	25.1±0.4	19.0±0.5	6.75±0.25	6.5±0.3	19.1min	13.25±0.25	2.75±0.15
E128	28.0±0.4	20.8±0.4	10.7±0.3	7.2±0.3	18.6min	12.8±0.2	3.5±0.15
E130A	30.0±0.6	21.25±0.25	10.7±0.3	10.7±0.3	19.5min	16.5±0.25	5.5±0.2
E150A	50.0±1.2	33.3±0.4	14.8±0.6	14.8±0.6	34.0min	24.8±0.4	9.0±0.4

Type	Core parameter				weight (g/pr.)	A _L (nH/N ²) (±25%)		
	C1 (mm ⁻¹)	A _e (mm ²)	I _e (mm)	V _e (mm ³)		F5 (±25%)	F7 (±25%)	F10 (±25%)
E116	1.79	19.8	34.6	670	3.3	2000	3000	3750
E116A	1.90	18.8	35.9	676	3.4	1950	2400	
E119A	1.68	23.3	39.2	913	4.6	2350	2900	
E122A	0.94	42.0	39.3	1630	9.8	4500	7150	
E122	0.964	42.0	40.5	1701	9.8	2200	3750	4750
E122C	1.15	37.0	42.5	1570	8.4	3500	4350	
E125B	1.22	39.7	48.6	1930	9.8	3500	4300	
E128	0.586	84.4	49.5	4170	22	7000	9000	
E130A	0.522	111	58.0	6440	34	8900		
E150A	0.411	230	94.0	21600	115	11300		

A_L: 1kHz, 0.5mA, 100Ts

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