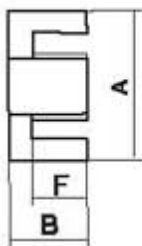
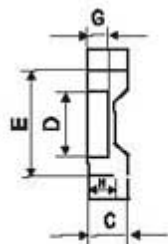




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EFD CORES



Introduce of EFD core

EFD core is good for low profile, and the series of EFD cores contain FD10, EFD12, EFD13, EFD15, EFD20,

EFD25, EFD30, EEM8, EEM10, EEM12, EEM13, etc. Standard EFD core sizes for low profile surface mount and PC Board mount transformers that are economically manufactured on our automatic winding and assembly equipment. For customers who need low profile switching transformers, our product packs up to 110 watts into a transformer only one half an inch high

Application of EFD core:

The core type used depends mainly on size restraints. EFD cores are used when a low profile is required. EFD core can also be used depending on particular requirements such as height restrictions etc. The application field of EFD core is widely including flyback transformers, EMI-Bead Cores, furnace transformer core, ferrite six-hole core, Ferrite Bead Cores, coil former core, etc.

Type	Dimensions(mm)							
	A	B	C	D	E	F	G	H
EFD10	10.5±0.3	5.2±0.1	2.7±0.1	4.6±0.2	7.65±0.3	3.75±0.15	0.2±0.1	1.5±0.2
EFD12	12.5±0.3	6.2±0.2	3.5±0.1	5.4±0.2	9.0±0.3	4.5±0.2	0.2±0.1	2.0±0.2
EFD13	13.6±0.3	8.8±0.15	3.7±0.2	6.0±0.15	10.0±0.25	7.0±0.15		2.0±0.15
EFD15	15.0±0.4	7.5±0.15	4.65±0.15	5.3±0.15	11.0±0.35	5.5±0.25	2.4±0.1	
ED15A	15.0±0.5	7.5±0.2	4.7±0.2	5.3±0.3	11.0±0.4	5.5±0.3	0.2±0.1	2.4±0.2
EFD20	20.0±0.55	10.0±0.25	6.65 ^{+0.2} _{-0.15}	8.9±0.2	15.4±0.5	7.7±0.25	3.6±0.2	
EFD20A	20.0±0.6	10.0±0.3	6.7±0.2	8.9±0.2	15.4±0.5	7.7±0.3	0.2±0.1	3.6±0.2
EFD25	25.0±0.65	12.5±0.25	9.1±0.2	11.4±0.2	18.7±0.6	9.3±0.25	5.2±0.25	
EFD25A	25.0±0.7	12.5±0.3	9.1±0.3	11.4±0.3	18.7±0.7	9.3±0.3	0.6±0.1	5.2±0.3
EFD30	30.0±0.8	15.0±0.25	9.1±0.3	14.6±0.3	22.4±0.75	11.2±0.3	4.9±0.15	
EFD30A	30.0±0.9	15.0±0.3	9.1±0.3	14.6±0.4	22.4±0.8	11.2±0.3	0.8±0.2	4.9±0.3

Type	Core parameter				weight (g/pr.)	A _i (nH/N ²) ±30%		PC(max) F2B1
	C1 (mm ⁻¹)	A _e (mm ²)	l _e (mm)	V _e (mm ³)		F2BD	F2B1	
EFD10	3.3	7.2	23.7	171	0.9		500	0.095
EFD12	2.5	11.4	28.5	325	1.7		700	0.18
EFD13	3.07	12.6	38.7	487	2.5		630	0.27
EFD15	2.27	15	34.0	510	6.8		780	
ED15A	2.27	15.0	34.0	510	2.8		700	0.28
EFD20	1.52	31.0	47.0	1460	7.4		1200	
EFD20A	1.52	31.0	47.0	1460	7.0		1150	0.8
EFD25	1.0	58.0	57.0	3300	16.6	2000	1800	
EFD25A	1.0	58.0	57.0	3300	16		2000	1.8
EFD30	0.985	69.0	68.0	4700	24	2050	2050	
EFD30A	0.98	69.0	68.0	4700	24		1900	2.59

A_i: 1kHz,0.5mA,100Ts

P_c: 100kHz,200mT,100 (F2B1)

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