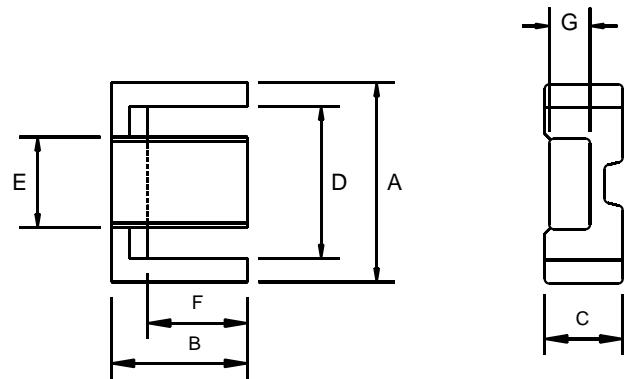


EFD Cores



Application of EFD cores
 For DC- DC Converter
 For flat transformers of Lower center leg
 Optimized cross section of Legs
 Good thermal response in case of Flat type EFD
 due optimised distribution of Cross section



DIMENSIONS

Type	A(mm)	B(mm)	C(mm)	D(mm)	E (mm)	F (mm)	G(mm)
EFD1010	10.50 ± 0.3	5.20 ± 0.10	2.70 ± 0.10	7.65 ± 0.25	4.55 ± 0.15	3.75 ± 0.15	1.45 ± 0.05
EFD1212	12.50 ± 0.10	6.20 ± 0.10	3.50 ± 0.10	9.00 ± 0.25	5.40 ± 0.15	4.55 ± 0.15	2.00 ± 0.10
EFD1515	15.00 ± 0.40	7.50 ± 0.15	4.65 ± 0.15	11.00 ± 0.35	5.30 ± 0.15	5.50 ± 0.25	2.40 ± 0.10
EFD2020	20 ± 0.55	10.00 ± 0.15	6.65 ± 0.15	15.40 ± 0.50	8.90 ± 0.20	7.70 ± 0.25	3.60 ± 0.15
EFD2525	25.00 ± 0.65	12.50 ± 0.15	9.10 ± 0.20	18.70 ± 0.60	11.40 ± 0.20	9.30 ± 0.25	5.20 ± 0.15
EFD3030	30.00 ± 0.8	15.00 ± 0.20	9.10 ± 0.20	22.40 ± 0.75	14.60 ± 0.25	11.20 ± 0.30	4.90 ± 0.15
EFD4030	40.70 ± 0.8	15.00 ± 0.15	8.00 ± 0.25	28.70 ± 0.60	16.00 ± 0.30	10.00 ± 0.15	5.00 ± 0.15

EFFECTIVE PARAMETERS

Type	Wt set gm	Le mm	Ae mm ²	Ve mm ³	AL± 25%
					HP400
EFD1010	0.9	23.7	7.2	171	585
EFD1212	1.80	28.5	11.4	325	825
EFD1515	2.8	34.0	15.0	510	950
EFD2020	7.20	47.0	31.0	1460	1300
EFD2525	16	57.0	58.0	3300	2200
EFD3030	24	38.0	69.0	4700	2100
EFD4030	31.00	70.9	82.2	5830	2450

AL Values : nH ± 25% 1KHz 0.1V 100Ts