

Fig.1

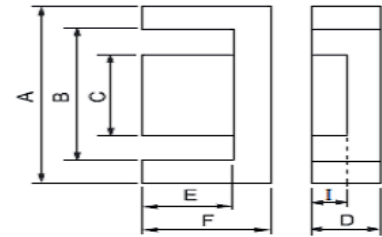


Fig.2

Part number		Dimension(mm)						
		A	B	C	D	E	F	I
EFD12.7	2	12.75 ± 0.2	9.0 min.	6.0 ± 0.2	3.3 ± 0.15	4.55 ± 0.2	6.85 ± 0.2	1.85 ± 0.1
EFD15	1	15.0 ± 0.4	11.0 ± 0.36	5.3 ± 0.2	4.6 ± 0.2	5.5 ± 0.25	7.5 ± 0.2	2.3 ± 0.15
EFD15A	1	15.2 ± 0.4	11 min.	5.2 ± 0.2	4.8 ± 0.2	5.55 ± 0.2	7.6 ± 0.2	2.2 ± 0.15
EFD20	1	20.5 ± 0.55	15.4 ± 0.5	8.9 ± 0.2	6.65 ± 0.2	7.7 ± 0.25	10.2 ± 0.25	3.6 ± 0.2
EFD25	1	25.0 ± 0.65	18.7 ± 0.5	11.4 ± 0.3	9.1 ± 0.3	9.3 ± 0.3	12.5 ± 0.2	5.2 ± 0.25
EFD25C	1	25.5 ± 0.65	18.7 min.	11.4 ± 0.3	9.1 ± 0.3	9.3 ± 0.3	12.5 ± 0.3	5.2 ± 0.25
EFD30	1	30.0 ± 0.8	22.4 ± 0.75	14.6 ± 0.25	9.1 ± 0.2	11.2 ± 0.3	15.0 ± 0.15	4.9 ± 0.15
EFD30B	1	30.0 ± 0.8	22.6 min.	14.6 ± 0.25	9.1 ± 0.2	11.4 ± 0.3	15.2 ± 0.15	4.9 ± 0.15
EFD36	2	36.5 ± 0.7	26.6 min.	15.3 ± 0.3	11.5 ± 0.4	11.7 ± 0.3	16.9 ± 0.3	7.5 ± 0.2
EFD38	2	37.8 ± 0.8	29.7 ± 0.8	18.7 ± 0.3	7.6 ± 0.6	13.0 ± 0.3	17.2 ± 0.3	3.35 ± 0.2
EFD40	2	40 ± 0.8	29.5 min.	20.0 ± 0.3	8.0 ± 0.4	12.7 ± 0.3	22.0 ± 0.3	4 ± 0.2
EFD45	2	45.5 ± 0.8	32.8 min.	22.75 ± 0.3	6.5 ± 0.3	17.7 ± 0.3	24.3 ± 0.3	3.3 ± 0.2

## EFD Cores

For DC-DC converter  
 For flat transformer of lower center leg  
 Optimized cross section of legs

Part number	C1 (mm <sup>-1</sup> )	Le (mm)	Ae (mm <sup>2</sup> )	Ve (mm <sup>3</sup> )	Weight (g/set)	SM023 AL(nH/N <sup>2</sup> ) ± 25%
EFD12.7	2.27	27.3	12	327.6	1.9	840
EFD15	2.27	34.00	15.00	510.00	2.80	800
EFD15A	3.19	36.45	11.44	635.71	3.50	900
EFD20	1.52	47.00	31.00	1457.00	7.20	1500
EFD25	1.00	57.00	58.00	3306.00	16.00	2200
EFD25C	1.00	58.20	58.00	3375.00	16.00	2000
EFD30	0.98	68.00	69.00	4692.00	24.00	2200
EFD30B	0.90	62.90	70.00	4403.00	24.80	2200
EFD36	1.94	76.09	117.23	8920.00	50.00	2050
EFD38	1.44	90.30	62.20	5929.00	35.00	2050
EFD40	1.28	98.78	77.31	7637.00	43.00	2050
EFD45	0.99	68.00	69.00	4700.00	25.00	2050

\*All specification are subject to change without notice.