



Part number	Dimension(mm)						
	A	B min.	C	D	E	F	I
EPC10	10.2 ± 0.2	7.6	5.0 ± 0.1	3.4 ± 0.15	2.65 ± 0.15	4.05 ± 0.1	1.9 ± 0.1
EPC10.5	10.55 ± 0.25	7.9	5.0 ± 0.1	3.4 ± 0.15	3.15 ± 0.15	4.55 ± 0.15	1.9 ± 0.1
EPC13	13.3 ± 0.3	10.5	5.6 ± 0.15	4.6 ± 0.15	4.5 ± 0.2	6.6 ± 0.2	2.05 ± 0.1
EPC17	17.6 ± 0.3	14.3	7.7 ± 0.15	6.0 ± 0.15	6.05 ± 0.2	8.55 ± 0.2	2.8 ± 0.1
EPC19	19.1 ± 0.5	15.80	8.5 ± 0.15	6.0 ± 0.15	7.25 ± 0.2	9.75 ± 0.2	2.5 ± 0.1
EPC25	25.1 ± 0.5	20.65	11.5 ± 0.2	8.0 ± 0.2	9.0 ± 0.3	12.5 ± 0.3	4.0 ± 0.1
EPC27	27.1 ± 0.5	21.60	13.0 ± 0.3	8.0 ± 0.2	12.0 ± 0.3	16.0 ± 0.2	4.0 ± 0.1
EPC30	30.1 ± 0.5	23.60	15.0 ± 0.5	8.0 ± 0.2	13.0 ± 0.3	17.5 ± 0.2	4.0 ± 0.1
EPC32	31.5 ± 0.4	25.20	13.0 ± 0.3	13.0 ± 0.3	11.0 ± 0.3	15.0 ± 0.3	7.4 ± 0.25

EPC Cores

For DC-DC converter
 For flat transformer of lower center leg
 Optimized cross section of legs
 EMI suppression chokes
 Good thermal response

Part number	C1 (mm ⁻¹)	Le (mm)	Ae (mm ²)	Ve (mm ³)	Weight (g)/set	SM024	SM047
						AL(nH/N ²) ± 25%	
EPC10	2.0	17.80	8.9	158.42	1.2	910	940
EPC10.5	2.04	20.20	9.9	200	1.3	860	880
EPC13	2.34	28.90	12.4	358.36	2.1	870	
EPC17	1.78	40.20	22.8	917	4.62	1360	
EPC19	2.03	46.10	22.70	1046.47	5.90	940	
EPC25	0.97	52.73	39.18	2065.96	12.20	1550	
EPC27	1.34	69.40	48.60	3372.84	20.00	1540	
EPC30	1.32	81.60	61.00	5035.00	23.00	1570	
EPC32	0.83	71.90	87.20	6269.68	32.50	2900	

*All specification are subject to change without notice.

