

	Product Family	Maximum Current Rating		Maximum Inductance Rating		Winding Configuration (if applicable)	Product Size (mm)			Core Structure	EMI Rating <sup>2</sup>	SMT/THT
		Inductance	Current <sup>1</sup>	Inductance	Current <sup>1</sup>		L	W	H			
<b>High Current</b>	HC3	0.50	78.00	6.0	30.00	-	30.00	25.30	17.50	UI	2	SMT
	HC2 LP	0.47	52.90	6.0	16.50	-	19.20	19.20	11.18	UI	2	SMT
	HCP1305	0.470	38.00	2.200	20.00	-	13.80	12.90	5.00	EI	1	SMT
	HC9	0.200	46.70	47.000	3.65	-	13.80	13.10	7.50	EI	2	SMT
	HCF1305	0.470	32.00	4.700	10.40	-	12.50	12.50	5.00	EI	1	SMT
	FLAT-PAC (FP1308)	0.110	68.00	0.440	32.00	-	13.70	12.95	8.00	UI	2	SMT
	HCP1104	0.200	32.00	0.900	22.00	-	11.50	10.25	4.00	EI	1	SMT
	HCPT1309	0.200	43.10	3.310	11.40	-	13.20	14.00	9.00	EI	1	THT
	HC7	0.47	23.40	4.7	9.20	-	13.00	13.80	5.50	EI	1	SMT
	HC1	0.22	40.50	10.0	5.30	-	13.00	13.00	10.00	UI	2	SMT
	HC7 (HC7-R20)	0.20	35.80	0.20	35.80	-	13.00	14.25	6.00	EI	1	SMT
	HC8	0.15	39.00	47.0	2.40	-	10.40	10.40	4.00	EI	1	SMT
	HC8LP	0.15	29.00	47.0	1.70	-	10.40	10.40	3.50	EI	1	SMT
	FLAT-PAC Single (FP4-S)	0.100	40.00	0.200	30.00	-	6.80	10.20	5.00	UI	2	SMT
	HCP0703	0.150	26.00	10.000	3.00	-	7.30	7.00	3.00	EI	1	SMT
	FLAT-PAC 5mm (FP2-V)	0.050	70.00	0.200	19.00	-	7.20	6.70	5.00	UI	2	SMT
	FLAT-PAC Single (FP3-S)	0.100	19.00	15.0	2.00	-	7.25	6.50	3.00	EI	1	SMT
	FLAT-PAC Single (FP2-S)	0.047	39.00	0.120	18.00	-	7.20	6.70	3.00	UI	2	SMT
	FLAT-PAC Dual (FP2-D)	0.188	16.00	0.480	9.00	Series	7.20	6.70	3.00	UI	2	SMT
	FLAT-PAC Dual (FP2-D)	0.047	37.00	0.120	18.00	Parallel	7.20	6.70	3.00	UI	2	SMT
CPL (Multi-Phase)	See Data Sheet											
<b>Shielded Drum (DR Style)</b>	DRQ127	1.68	8.94	4020.0	0.307	Series	12.50	12.50	8.00	Shld Drum	2	SMT
	DRQ127	0.47	17.90	1000.0	0.610	Parallel	12.50	12.50	8.00	Shld Drum	2	SMT
	DR127	0.47	17.90	1000.0	0.610	-	12.50	12.50	8.00	Shld Drum	2	SMT
	DRQ125	0.47	17.60	1000.0	0.570	Parallel	12.50	12.50	6.00	Shld Drum	2	SMT
	DR125	0.47	17.60	1000.0	0.570	-	12.50	12.50	6.00	Shld Drum	2	SMT
	DRQ125	1.82	8.80	4032.0	0.283	Series	12.50	12.50	6.00	Shld Drum	2	SMT
	DR124	0.47	16.00	1000.0	0.440	-	12.30	12.30	4.50	Shld Drum	2	SMT
	DR1050	0.80	9.70	1000.0	0.430	-	10.50	10.30	5.00	Shld Drum	2	SMT
	DR1040	1.50	6.50	330.0	0.520	-	10.50	10.30	4.00	Shld Drum	2	SMT
	DRQ74	1.18	3.10	4036.0	0.135	Series	7.60	7.60	4.35	Shld Drum	2	SMT
	DRQ74	0.33	6.20	1000.0	0.270	Parallel	7.60	7.60	4.35	Shld Drum	2	SMT
	DR74	0.33	6.26	1000.0	0.270	-	7.60	7.60	4.35	Shld Drum	2	SMT
	DR1030	1.10	7.00	150.0	0.680	-	10.50	10.30	3.00	Shld Drum	2	SMT
	DRQ73	1.22	3.10	3980.0	0.128	Series	7.60	7.60	3.55	Shld Drum	2	SMT
	LDS0705	0.82	7.68	470.0	0.368	-	8.00	7.20	5.00	Shld Drum	2	SMT
	DRQ73	0.33	6.19	1000.0	0.250	Parallel	7.60	7.60	3.55	Shld Drum	2	SMT
	DR73	0.33	6.21	1000.0	0.250	-	7.60	7.60	3.55	Shld Drum	2	SMT
	<b>Low Profile Shielded Drum (SD Style)</b>	SD8350	1.80	5.50	100.0	0.800	-	9.50	8.30	4.50	Shld Drum	2
SD8328		2.50	4.50	100.0	0.800	-	9.50	8.30	3.00	Shld Drum	2	SMT
SD7030		3.30	3.00	680.0	0.210	-	7.00	7.00	3.00	Shld Drum	2	SMT
SD53		1.10	3.25	100.0	0.440	-	5.20	5.20	3.00	Shld Drum	2	SMT
SD6030		2.70	2.60	680.0	0.160	-	6.00	6.00	3.00	Shld Drum	2	SMT
SDQ25		0.47	3.71	1000.0	0.127	Parallel	5.20	5.20	2.50	Shld Drum	2	SMT
SDQ25		1.57	1.86	4032.0	0.063	Series	5.20	5.20	2.50	Shld Drum	2	SMT
SD25		0.47	3.88	1000.0	0.126	-	5.20	5.20	2.50	Shld Drum	2	SMT
SD14		0.58	3.52	1000.0	0.117	-	5.20	5.20	1.40	Shld Drum	2	SMT
SD6020		3.90	1.95	100.0	0.360	-	6.00	6.00	2.00	Shld Drum	2	SMT
SD52		1.20	2.33	150.0	0.280	-	5.60	5.20	2.00	Shld Drum	2	SMT
SD18		0.47	3.58	1000.0	0.102	-	5.20	5.20	1.80	Shld Drum	2	SMT
SDQ12		1.96	1.39	331.0	0.154	Series	5.20	5.20	1.00	Shld Drum	2	SMT
SDQ12		0.47	2.78	82.0	0.309	Parallel	5.20	5.20	1.20	Shld Drum	2	SMT
SD20		0.47	3.59	1000.0	0.088	-	5.20	5.20	2.00	Shld Drum	2	SMT
SD12		0.47	3.19	1000.0	0.086	-	5.20	5.20	1.20	Shld Drum	2	SMT
SD3118		1.00	2.01	1000.0	0.083	-	3.10	3.10	1.80	Shld Drum	2	SMT
SD3814		0.47	2.81	680.0	0.100	-	4.00	4.00	1.40	Shld Drum	2	SMT
SD10		0.47	2.59	470.0	0.110	-	5.20	5.20	1.00	Shld Drum	2	SMT
SDH3812		0.47	2.69	220.0	0.160	-	4.00	4.00	1.20	Shld Drum	2	SMT
SD3812	0.47	2.53	220.0	0.160	-	4.00	4.00	1.20	Shld Drum	2	SMT	
SD3114	1.00	1.60	330.0	0.113	-	3.10	3.10	1.40	Shld Drum	2	SMT	
SD3112	1.00	1.39	220.0	0.117	-	3.10	3.10	1.20	Shld Drum	2	SMT	
SD3110	0.50	1.54	220.0	0.106	-	3.10	3.10	1.00	Shld Drum	2	SMT	

Note 1 = Current ratings listed are the lower value of the Isat and Irms ratings  
 Note 2 = EMI Rating: 1) Closed magnetic path - best EMI shield; 2) Small gap, or external shield - some EMI fringing; 3) No shield - Highest EMI  
 Note 3 = Alternate sizes, terminal styles available

**General information needed to select proper inductor:**  
 I. Inductance and Current requirements  
 II. Mounting style (surface mount or thru hole) and size constraints

III. Frequency of operation (switching frequency)  
 IV. Circuit susceptibility to EMI  
 V. Consider using two parts in series for lower profiles, higher current ratings or higher inductance values

	Product Family	Maximum Current Rating		Maximum Inductance Rating		Winding Configuration (if applicable)	Product Size (mm)			Core Structure	EMI Rating <sup>2</sup>	SMT/THT
		Inductance	Current <sup>1</sup>	Inductance	Current <sup>1</sup>		L	W	H			
Unshielded Drum Core	UNI-PAC 4B	0.47	19.20	470.0	0.914	-	22.10	15.00	7.87	Drum	3	SMT
	UNI-PAC 3B (UP3B)	0.47	16.00	330.0	0.750	-	19.30	13.21	6.80	Drum	3	SMT
	UNI-PAC 2C (UP2C)	0.47	12.20	1000.0	0.380	-	12.90	9.40	5.20	Drum	3	SMT
	LD2	10.00	3.45	470.0	0.550	-	7.80	7.00	5.00	Drum	3	SMT
	UNI-PAC 2B (UP2B)	0.47	10.60	1000.0	0.300	-	13.79	10.41	6.00	Drum	3	SMT
	UNI-PAC 2.8B (UP2.8B)	1.00	3.60	150.0	0.620	-	12.90	9.40	2.80	Drum	3	SMT
	UNI-PAC 1B (UP1B)	0.47	6.00	330.0	0.280	-	8.89	6.10	5.00	Drum	3	SMT
	LD1	1.00	2.60	68.0	0.460	-	4.50	4.00	3.20	Drum	3	SMT
Toroid	OCTA-PAC Plus 4 (CTX_-4A)	0.33	12.20	300.0	0.75	Parallel	13.97	11.43	6.35	Toroid	1	SMT
	OCTA-PAC Plus 4 (CTX_-4A)	1.25	6.09	1211.0	0.37	Series	13.97	11.43	6.35	Toroid	1	SMT
	OCTA-PAC 4 (CTX_-4)	0.47	7.00	300.0	0.62	Parallel	13.97	11.43	6.35	Toroid	1	SMT
	OCTA-PAC 4 (CTX_-4)	1.76	3.50	1192.0	0.31	Series	13.97	11.43	6.35	Toroid	1	SMT
	OCTA-PAC Plus 2 (CTX_-2A)	1.14	5.47	1215.0	0.29	Series	11.43	8.89	5.97	Toroid	1	SMT
	OCTA-PAC Plus 2 (CTX_-2A)	0.33	10.90	300.0	0.58	Parallel	11.43	8.89	5.97	Toroid	1	SMT
	ECONO-PAC 4P (CTX_-4P)	0.47	7.90	300.0	0.54	Parallel	13.97	11.43	6.35	Toroid	1	SMT
	OCTA-PAC Plus 3 (CTX_-3A)	0.33	11.40	300.0	0.54	Parallel	13.97	11.43	4.83	Toroid	1	SMT
	ECONO-PAC 4P (CTX_-4P)	1.95	3.95	1195.0	0.27	Series	13.97	11.43	6.35	Toroid	1	SMT
	OCTA-PAC Plus 3 (CTX_-3A)	1.47	5.72	1185.0	0.27	Series	13.97	11.43	4.83	Toroid	1	SMT
	ECONO-PAC 3P (CTX_-3P)	0.47	6.20	300.0	0.50	Parallel	13.97	11.43	4.83	Toroid	1	SMT
	ECONO-PAC 3P (CTX_-3P)	1.85	3.10	1193.0	0.25	Series	13.97	11.43	4.83	Toroid	1	SMT
	OCTA-PAC Plus 1 (CTX_-1A)	0.33	10.00	300.0	0.47	Parallel	11.43	8.89	4.19	Toroid	1	SMT
	OCTA-PAC Plus 1 (CTX_-1A)	1.61	4.98	1203.0	0.23	Series	11.43	8.89	4.19	Toroid	1	SMT
	ECONO-PAC 2P (CTX_-2P)	2.18	2.95	1201.0	0.21	Series	11.43	8.89	5.97	Toroid	1	SMT
	ECONO-PAC 2P (CTX_-2P)	0.47	5.90	300.0	0.42	Parallel	11.43	8.89	5.97	Toroid	1	SMT
	OCTA-PAC 3 (CTX_-3)	1.54	3.00	1204.0	0.20	Series	13.97	11.43	4.83	Toroid	1	SMT
	OCTA-PAC 3 (CTX_-3)	0.47	6.00	300.0	0.40	Parallel	13.97	11.43	4.83	Toroid	1	SMT
	OCTA-PAC 2 (CTX_-2)	1.69	3.25	1203.0	0.19	Series	11.43	8.89	5.97	Toroid	1	SMT
	OCTA-PAC 2 (CTX_-2)	0.47	6.50	300.0	0.38	Parallel	11.43	8.89	5.97	Toroid	1	SMT
	ECONO-PAC 1P (CTX_-1P)	0.47	5.50	300.0	0.32	Parallel	11.43	8.89	4.19	Toroid	1	SMT
	ECONO-PAC 1P (CTX_-1P)	1.67	2.75	1199.0	0.16	Series	11.43	8.89	4.19	Toroid	1	SMT
	Micro-Pac Plus (MP2A)	0.47	3.52	100.0	0.39	-	7.50	5.20	1.80	Toroid	1	SMT
	OCTA-PAC 1 (CTX_-1)	1.60	2.75	1210.0	0.11	Series	11.43	8.89	4.19	Toroid	1	SMT
	OCTA-PAC 1 (CTX_-1)	0.47	5.50	300.0	0.22	Parallel	11.43	8.89	4.19	Toroid	1	SMT
	Micro-Pac (MP2)	0.47	2.02	47.0	0.31	-	7.50	5.20	1.80	Toroid	1	SMT
	Large Toroid (LCPI) Vertical	various	various	various	various	-	various	various	various	Toroid	1	THT
	Large Toroid (LCPI) Horizontal	various	various	various	various	-	various	various	various	Toroid	1	THT
Large Toroid (LCPI) w/ Header Vert.	various	various	various	various	-	various	various	various	Toroid	1	THT	
Large Toroid (LCPI) w/ Header Horiz.	various	various	various	various	-	various	various	various	Toroid	1	THT	
Current Sense	various	various	various	various	-	17.15	9.53	20.32	Toroid	1	THT	
Transformers	Versa-Pac (VP5/VP5H)	multiple	multiple	multiple	multiple	6 windings	28.50	21.00	10.80	E	2	SMT
	Versa-Pac (VP4/VP4H)	multiple	multiple	multiple	multiple	6 windings	24.60	18.00	10.00	E	2	SMT
	Versa-Pac (VP3/VP3H)	multiple	multiple	multiple	multiple	6 windings	22.30	17.10	8.40	E	2	SMT
	Versa-Pac (VP2/VP2H)	multiple	multiple	multiple	multiple	6 windings	16.80	16.30	7.80	E	2	SMT
	Versa-Pac (VP1/VP1H)	multiple	multiple	multiple	multiple	6 windings	13.00	12.90	6.20	E	2	SMT
	Power Over Ethernet/PD 26W (Forward)	n/a	n/a	n/a	n/a	-	28.50	21.50	10.80	E	2	SMT
	PowerOver Ethernet/PD 13W (Flyback)	n/a	n/a	n/a	n/a	-	24.60	18.00	10.00	E	2	SMT
	Power Over Ethernet/PD 7W (Flyback)	n/a	n/a	n/a	n/a	-	22.30	17.10	8.40	E	2	SMT
	Power Over Ethernet/PD 4W (Flyback)	n/a	n/a	n/a	n/a	-	22.30	17.10	8.40	E	2	SMT
	CCFL 14W	n/a	n/a	n/a	n/a	-	28.50 <sup>3</sup>	25.40 <sup>3</sup>	15.00 <sup>3</sup>	E	2	THT
	CCFL 6W	n/a	n/a	n/a	n/a	-	26.00 <sup>3</sup>	16.50 <sup>3</sup>	7.10 <sup>3</sup>	E	2	SMT
	CCFL 4W	n/a	n/a	n/a	n/a	-	26.00 <sup>3</sup>	16.50 <sup>3</sup>	5.50 <sup>3</sup>	E	2	SMT
CCFL 2.5W	n/a	n/a	n/a	n/a	-	20.60 <sup>3</sup>	14.35 <sup>3</sup>	8.00 <sup>3</sup>	E	2	SMT	
Common-Mode	Common-Mode SMT (CMS3)	78.0	4.75	1600	0.75	-	13.97	11.43	6.00	Toroid	1	SMT
	Common-Mode SMT (CMS2)	30.0	5.35	1600	0.50	-	11.43	8.89	6.00	Toroid	1	SMT
	Common-Mode SMT (CMS1)	5.50	7.00	250	0.85	-	9.40	7.20	2.60	Toroid	1	SMT
	Common-Mode Thru-hole (CMT4) Vert	530	6.50	5400	2.00	-	25.00	15.40	25.50	Toroid	1	THT
	Common-Mode Thru-hole (CMT3) Horz	530	6.50	5400	2.00	-	25.00	25.00	14.00	Toroid	1	THT
	Common-Mode Thru-hole (CMT2)	1600	5.75	30,000	1.50	-	36.50	22.00	44.50	Toroid	1	THT
	Common-Mode Thru-hole (CMT1)	940	6.05	66,000	0.74	-	29.50	22.00	36.50	Toroid	1	THT

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