



300 RED SCHOOL LANE PHILLIPSBURG, N.J. 08865 (908) 454-2600 FAX (908) 454-3742

PART NUMBER	½LI <sup>2</sup> (μJ)	"L" NO DC (μH)	DCR MAX. (Ω)	DCI MAX. (Amps)	"L" WITH DCI (μH)	TEST LEVEL (VRMS)	DCI (Amps) FOR % DECREASE IN "L"						LEAD DIA.
							5%	10%	20%	30%	40%	50%	
**18A0.9	206	0.9	0.0022	10.0	0.8	0.008	7.23	10.70	15.60	20.80	25.20	30.10	0.050
**18A1.6	207	1.6	0.0035	6.5	1.5	0.011	5.42	8.02	11.70	15.60	18.90	22.60	0.040
**18A3.1	206	3.1	0.0070	4.0	2.9	0.015	3.94	5.84	8.52	11.40	13.70	16.40	0.032
**18A5.7	205	5.7	0.0140	2.5	5.5	0.020	2.89	4.28	6.25	8.33	10.10	12.00	0.025
**18A10.1	205	10.1	0.0280	1.6	9.8	0.027	2.17	3.21	4.68	6.25	7.55	9.02	0.020
**18A17.1	206	17.1	0.0640	1.0	16.8	0.035	1.67	2.47	3.60	4.80	5.80	6.94	0.016
**18B1.8	478	1.8	0.0022	16.0	1.5	0.016	8.38	11.80	17.70	22.30	28.20	32.60	0.064
**18B3.3	463	3.3	0.0042	10.0	2.9	0.022	6.09	8.58	12.90	16.30	20.50	23.70	0.050
**18B7.0	462	7.0	0.0089	6.5	6.1	0.032	4.19	5.89	8.65	11.20	14.10	16.30	0.040
**18B11.0	465	11.0	0.0166	4.0	10.2	0.040	3.35	4.71	7.08	8.94	11.30	13.00	0.032
**18B23.0	498	23.0	0.0342	2.5	21.8	0.056	2.39	3.37	5.05	6.38	8.07	9.31	0.025
**18B32.0	471	32.0	0.0653	1.6	30.7	0.069	1.97	2.77	4.16	5.26	6.65	7.67	0.020
**18D5.3	1084	5.3	0.0036	16.0	4.2	0.041	7.36	10.40	15.50	19.60	24.80	28.60	0.064
**18D10.5	1071	10.5	0.0073	10.0	8.7	0.058	5.19	7.31	11.00	13.90	17.50	20.20	0.050
**18D17.4	1059	17.4	0.0142	6.5	15.3	0.075	4.01	5.65	8.47	10.70	13.50	15.60	0.040
**18D30.0	1044	30.0	0.0280	4.0	27.9	0.099	3.05	4.29	6.43	8.12	10.30	11.80	0.032
**18D48.5	1044	48.5	0.0544	2.5	46.1	0.126	2.39	3.36	5.04	6.38	8.04	9.28	0.025
**18D81.0	1035	81.0	0.1110	1.6	78.5	0.164	1.84	2.59	3.88	4.90	6.20	7.15	0.020
**18E5.2	1257	5.2	0.0035	16.0	4.1	0.0454	7.78	11.10	16.10	21.50	26.00	31.10	0.064
**18E9.7	1261	9.7	0.0073	10.0	8.3	0.0618	5.70	8.11	11.80	15.60	19.10	22.80	0.050
**18E17.2	1257	17.2	0.0143	6.5	15.1	0.0824	4.28	6.08	8.88	11.80	14.30	17.10	0.040
**18E31.3	1262	31.3	0.0290	4.0	28.8	0.1112	3.18	4.52	6.59	8.79	10.60	12.70	0.032
**18E49.7	1267	49.7	0.0564	2.5	47.2	0.1400	2.53	3.59	5.24	6.99	8.45	10.10	0.025
**18E79.5	1259	79.5	0.1140	1.6	76.7	0.1772	1.99	2.83	4.13	5.51	6.66	7.96	0.020
**18F5.5	1470	5.5	0.0025	26.0	3.5	0.052	8.41	11.80	17.80	22.40	28.40	32.70	0.080
**18F9.5	1484	9.5	0.0049	16.0	7.2	0.068	6.42	9.05	13.60	17.20	21.70	25.00	0.064
**18F17.0	1455	17.0	0.0100	10.0	13.7	0.092	4.75	6.69	10.00	12.70	16.00	18.50	0.050
**18F27.0	1459	27.0	0.0190	6.5	23.5	0.116	3.77	5.31	7.96	10.00	12.70	14.70	0.040
**18F46.5	1458	46.5	0.0380	4.0	42.3	0.153	2.88	4.05	6.08	7.67	9.70	11.20	0.032
**18F80.0	1448	80.0	0.0750	2.5	74.4	0.201	2.18	3.08	4.62	5.83	7.37	8.51	0.025
**18F123	1447	123.0	0.1480	1.6	118.0	0.250	1.76	2.48	3.72	4.70	5.95	6.86	0.020
**18G10.0	2496	10.0	0.0033	26.0	6.3	0.088	8.12	11.40	17.10	21.70	27.40	31.60	0.080
**18G17.5	2457	17.5	0.0068	16.0	12.6	0.118	6.09	8.57	12.90	16.20	20.50	23.70	0.064
**18G29.5	2443	29.5	0.0129	10.0	23.6	0.153	4.69	6.59	9.89	12.50	15.80	18.20	0.050
**18G50.0	2415	50.0	0.0255	6.5	42.0	0.200	3.58	5.04	7.56	9.55	12.10	13.90	0.040
**18G80.0	2420	80.0	0.0490	4.0	72.8	0.253	2.83	3.99	5.98	7.56	9.55	11.00	0.032
**18G140	2417	140.0	0.0992	2.5	130.0	0.335	2.14	3.01	4.51	5.70	7.20	8.31	0.025
**18G205	2419	205.0	0.1902	1.6	196.0	0.406	1.77	2.48	3.73	4.71	5.95	6.87	0.020
**18J13.0	3181	13.5	0.0039	26.0	8.2	0.110	7.90	11.10	16.70	21.10	26.60	30.70	0.080
**18J23.0	3148	23.0	0.0078	16.0	16.5	0.145	6.02	8.47	12.70	16.00	20.30	23.40	0.064
**18J35.0	3126	35.0	0.0142	10.0	28.3	0.179	4.86	6.84	10.30	13.00	16.40	18.90	0.050
**18J60.0	3154	60.0	0.0280	6.5	51.6	0.234	3.72	5.23	7.84	9.91	12.50	14.50	0.040
**18J100	3136	100.0	0.0551	4.0	91.0	0.303	2.87	4.04	6.06	7.57	9.68	11.20	0.032
**18J178	3088	178.0	0.1130	2.5	165.0	0.407	2.14	3.01	4.52	5.71	7.22	8.33	0.025
**18J257	3077	257.0	0.2160	1.6	246.0	0.489	1.78	2.50	3.76	4.75	6.00	6.92	0.020
**18K20.0	5511	20.0	0.0047	26.0	13.0	0.186	8.53	12.00	18.00	22.70	28.70	33.20	0.080
**18K34.5	5521	34.5	0.0093	16.0	25.8	0.244	6.50	9.14	13.70	17.30	21.90	25.30	0.064
**18K56.5	5482	56.5	0.0184	10.0	46.3	0.314	5.05	7.11	10.70	13.50	17.00	19.70	0.050
**18K93.5	5401	93.5	0.0364	6.5	82.2	0.407	3.99	5.49	8.23	10.40	13.10	15.20	0.040
**18K153	5326	153.0	0.0710	4.0	140.0	0.523	3.03	4.27	6.40	8.09	10.20	11.80	0.032
**18K263	5314	263.0	0.1427	2.5	247.0	0.685	2.31	3.25	4.88	6.17	7.79	8.99	0.025
**18K400	5285	400.0	0.2794	1.6	388.0	0.848	1.87	2.63	3.95	4.98	6.30	7.27	0.020

**PART NUMBER ORDERING INFORMATION**

EXAMPLE: **A 18 A 0.9**  
 STYLE \_\_\_\_\_  
 (1 or 2 Letters)  
 CORE TYPE \_\_\_\_\_  
 \_\_\_\_\_ INDUCTANCE  
 (microhenrys)  
 \_\_\_\_\_ SIZE

# SWITCH MODE INDUCTORS

OPT INDUSTRIES INC.

300 RED SCHOOL LANE PHILLIPSBURG, N.J. 08865

(908) 454-2600 FAX (908) 454-3742

STYLE A	STYLE D	STYLE DESCRIPTION NA With Foot NB Without foot	STYLE F Pins 2 & 3 Have No Connection	STYLE G
			Only the most cost-effective mechanical configurations are shown. Contact the factory for other styles.	
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Dimensions are in inches

**HOW TO ORDER**  
Important ordering information and technical data given on page 5

For LEAD DIA. see table on the facing page.