



13402 SOUTH 71 HIGHWAY GRANDVIEW, MO 64030
E-mail: torotel@sound.net (816) 761-6314 FAX (816) 763-2278

PART NUMBER	½LI ² (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	8.85	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	6.36	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	15.80	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 _____ INDUCTANCE
 (1 or 2 Letters) _____ (microhenrys)
 CORE TYPE _____ SIZE

SWITCH MODE INDUCTORS

TOROTEL PRODUCTS INC 13402 SOUTH 71 HIGHWAY GRANDVIEW, MO 64030
 Phone: (816)761-6314 Fax: (816) 763-2278 E-mail: torotel@sound.net

STYLE A	STYLE D	STYLE DESCRIPTION NA NB With Foot 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.		
					Only the most cost-effective mechanical configurations are shown. Contact the factory for other styles.

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.



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PART NUMBER	½LI² (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%	
**18M37.0	7408	37.0	0.0068	26.0	21.0	0.286	7.30	10.30	15.40	19.50	24.60	28.30	0.080
**18M57.0	7343	57.0	0.0129	16.0	41.0	0.358	5.84	8.22	12.30	15.60	19.70	22.70	0.064
**18M95.5	7312	95.5	0.0256	10.0	75.4	0.465	4.49	6.32	9.48	12.00	15.10	17.50	0.050
**18M155	7167	155.0	0.0498	6.5	131.0	0.597	3.50	4.93	7.37	9.34	11.80	13.60	0.040
**18M252	7079	252.0	0.1000	4.0	224.0	0.764	2.74	3.85	5.78	7.30	9.22	10.60	0.032
**18M394	7133	394.0	0.1905	2.5	366.0	0.955	2.19	3.08	4.62	5.84	7.38	8.51	0.025
**18M623	7075	623.0	0.3809	1.6	598.0	1.205	1.73	2.44	3.66	4.62	5.84	6.74	0.020
**18P33.0	5794	33.0	0.0073	26.0	15.8	0.233	6.39	9.21	13.80	17.90	21.90	26.50	0.080
**18P53.0	5732	53.0	0.0142	16.0	33.4	0.298	5.00	7.22	10.80	14.10	17.10	20.80	0.064
**18P86.0	5783	86.0	0.0275	10.0	62.8	0.378	3.94	5.68	8.49	11.10	13.50	16.40	0.050
**18P140	5734	140.0	0.0532	6.5	113.0	0.483	3.09	4.45	6.65	8.66	10.60	12.80	0.040
**18P223	5687	223.0	0.1057	4.0	194.0	0.612	2.44	3.51	5.25	6.84	8.34	10.10	0.032
**18P355	5694	355.0	0.2035	2.5	327.0	0.773	1.93	2.78	4.15	5.42	6.60	8.01	0.025
**18P544	5675	544.0	0.3996	1.6	517.0	0.958	1.56	2.24	3.35	4.37	5.33	6.46	0.020
**18R43.0	8308	43.0	0.0076	26.0	23.5	0.325	7.15	10.10	15.10	19.10	24.10	27.80	0.080
**18R71.5	8186	71.5	0.0146	16.0	48.5	0.421	5.51	7.76	11.60	14.70	18.60	21.40	0.064
**18R117	8157	117.0	0.0294	10.0	90.0	0.546	4.29	6.03	9.05	11.40	14.50	16.70	0.050
**18R186	8102	186.0	0.0567	6.5	154.0	0.702	3.38	4.76	7.15	9.03	11.40	13.20	0.040
**18R293	7923	293.0	0.1116	4.0	260.0	0.890	2.68	3.77	5.66	7.15	9.03	10.40	0.032
**18R495	7880	495.0	0.2242	2.5	455.0	1.124	2.05	2.89	4.33	5.47	6.92	7.98	0.025
**18R728	7880	728.0	0.4314	1.6	691.0	1.363	1.69	2.38	3.57	4.51	5.70	6.58	0.020
**18S76.5	14358	76.5	0.0100	26.0	42.0	0.571	7.05	9.92	14.90	18.80	23.80	27.40	0.080
**18S121	14172	121.0	0.0196	16.0	83.0	0.723	5.56	7.83	11.70	14.80	18.80	21.60	0.064
**18S192	14036	192.0	0.0389	10.0	149.0	0.914	4.40	6.20	9.30	11.70	14.80	17.10	0.050
**18S318	14041	318.0	0.0776	6.5	266.0	1.180	3.41	4.80	7.20	9.09	11.50	13.30	0.040
**18S498	13726	498.0	0.1508	4.0	443.0	1.490	2.71	3.81	5.72	7.23	9.14	10.50	0.032
**18S801	13795	801.0	0.2946	2.5	752.0	1.880	2.14	3.01	4.51	5.69	7.20	8.30	0.025
**18S1225	13666	1225.0	0.5808	1.6	1188.0	2.340	1.72	2.42	3.63	4.58	5.79	6.68	0.020
**18U66.0	21384	66.0	0.007	41.0	28.0	0.643	9.25	13.00	19.50	24.70	31.20	36.00	0.100
**18U116	21141	116.0	0.014	26.0	63.0	0.857	6.94	9.77	14.70	18.50	23.40	27.00	0.080
**18U187	20814	187.0	0.025	16.0	125.0	1.090	5.43	7.65	11.50	14.50	18.30	21.10	0.064
**18U305	20759	305.0	0.053	10.0	232.0	1.400	4.24	5.96	8.94	11.30	14.30	16.50	0.050
**18U489	20660	489.0	0.106	6.5	400.0	1.780	3.33	4.69	7.03	8.88	11.20	13.00	0.040
**18U767	20343	767.0	0.209	4.0	682.0	2.240	2.66	3.74	5.61	7.09	8.96	10.30	0.032
**18U1197	20318	1197.0	0.412	2.5	1113.0	2.810	2.12	2.98	4.47	5.65	7.14	8.24	0.025
**18V120	28644	120.0	0.0123	26.0	74.0	1.020	7.96	11.20	16.80	21.20	26.80	30.90	0.080
**18V203	28266	203.0	0.0246	16.0	144.0	1.340	6.07	8.55	12.80	16.20	20.50	23.60	0.064
**18V320	27975	320.0	0.0490	10.0	259.0	1.700	4.81	6.77	10.10	12.80	16.20	18.70	0.050
**18V529	27806	529.0	0.0982	6.5	454.0	2.190	3.72	5.24	7.86	9.93	12.50	14.50	0.040
**18V830	27442	830.0	0.1926	4.0	755.0	2.760	2.96	4.16	6.25	7.89	9.97	11.50	0.032
**18V1309	27458	1309.0	0.3762	2.5	1243.0	3.460	2.35	3.31	4.97	6.28	7.94	9.16	0.025
**18V2042	27205	2042.0	0.7492	1.6	1960.0	4.350	1.88	2.64	3.96	5.00	6.32	7.30	0.020
**18X74.0	21765	74.0	0.0069	41.0	30.0	0.688	8.82	12.40	18.60	23.50	29.70	34.30	0.100
**18X128	21632	128.0	0.0141	26.0	64.0	0.910	6.67	9.39	14.10	17.80	22.50	26.00	0.080
**18X203	21328	203.0	0.0270	16.0	134.0	1.150	5.26	7.40	11.10	14.00	17.70	20.50	0.064
**18X324	20996	324.0	0.0552	10.0	246.0	1.470	4.14	5.83	8.75	11.10	14.00	16.10	0.050
**18X508	20808	508.0	0.1096	6.5	421.0	1.840	3.30	4.64	6.96	8.79	11.10	12.80	0.040
**18X813	20734	813.0	0.2195	4.0	723.0	2.330	2.60	3.67	5.50	6.95	8.78	10.10	0.032
**18X1272	20658	1272.0	0.4335	2.5	1182.0	2.930	2.07	2.92	4.37	5.53	6.98	8.06	0.025
**18Y102	28107	102.0	0.0082	41.0	37.0	0.923	8.53	12.00	18.00	22.80	28.80	33.20	0.100
**18Y165	27885	165.0	0.0165	26.0	82.0	1.180	6.67	9.39	14.10	17.80	22.50	26.00	0.080
**18Y269	27713	269.0	0.0329	16.0	174.0	1.510	5.21	7.33	11.00	13.90	17.60	20.30	0.064
**18Y430	27177	430.0	0.0666	10.0	322.0	1.920	4.10	5.77	8.65	10.90	13.80	15.90	0.050
**18Y669	26976	669.0	0.1320	6.5	548.0	2.410	3.27	4.60	6.90	8.72	11.00	12.70	0.040
**18Y1054	26880	1054.0	0.2625	4.0	932.0	3.030	2.60	3.66	5.50	6.94	8.78	10.10	0.032
**18Y1665	26773	1665.0	0.5261	2.5	1548.0	3.820	2.06	2.90	4.35	5.50	6.95	8.02	0.025

PART NUMBER ORDERING INFORMATION

EXAMPLE: **A 18 M 37.0**

STYLE _____ INDUCTANCE
 (1 or 2 Letters) _____ (microhenrys)
 CORE TYPE _____ SIZE

SWITCH MODE INDUCTORS

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