



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%	
**13A0.9	76	0.9	0.0022	10.0	0.7	0.004	3.18	4.22	7.52	10.40	13.90	18.50	0.050
**13A1.6	77	1.6	0.0035	6.5	1.2	0.005	2.39	3.17	5.64	7.81	10.40	13.90	0.040
**13A3.0	77	3.0	0.0070	4.0	2.4	0.007	1.73	2.30	4.10	5.68	7.57	10.10	0.032
**13A5.6	76	5.6	0.0140	2.5	4.7	0.010	1.27	1.69	3.01	4.16	5.55	7.40	0.025
**13A9.9	76	9.9	0.0280	1.6	8.7	0.013	0.95	1.27	2.26	3.12	4.16	5.55	0.020
**13A16.8	77	16.8	0.0640	1.0	15.4	0.017	0.73	0.97	1.73	2.40	3.20	4.27	0.016
**13B1.9	200	1.9	0.0022	16.0	1.0	0.008	3.51	5.20	8.28	11.50	15.30	20.40	0.064
**13B3.6	197	3.6	0.0042	10.0	2.3	0.011	2.55	3.77	6.01	6.24	11.10	14.80	0.050
**13B7.5	195	7.5	0.0089	6.5	5.0	0.016	1.75	2.60	4.14	4.30	7.65	10.20	0.040
**13B11.6	193	11.6	0.0166	4.0	8.8	0.020	1.40	2.08	3.31	3.43	6.11	8.15	0.032
**13B22.6	191	22.6	0.0342	2.5	17.6	0.028	1.00	1.48	2.36	2.46	4.37	5.82	0.025
**13B33.0	189	33.0	0.0653	1.6	28.1	0.034	0.82	1.22	1.94	2.02	3.59	4.79	0.020
**13C0.6	421	0.6	0.0010	16.0	0.5	0.0059	10.30	14.40	21.40	29.50	41.30	53.00	0.064
**13C1.7	425	1.7	0.0023	10.0	1.5	0.0099	6.19	8.62	12.80	17.70	24.80	31.80	0.050
**13C3.3	423	3.3	0.0057	6.5	2.9	0.0139	4.42	6.16	9.16	12.60	17.70	22.70	0.040
**13C6.7	423	6.7	0.0102	4.0	6.2	0.0140	3.09	4.31	6.41	8.84	12.40	15.90	0.032
**13C19.4	425	19.4	0.0263	2.5	17.4	0.0337	1.82	2.54	3.77	5.20	7.28	9.36	0.025
**13C35.4	424	35.4	0.0550	1.6	33.0	0.0455	1.35	1.87	2.79	3.84	5.38	6.92	0.020
**13D4.2	379	4.2	0.0036	16.0	2.4	0.020	3.27	4.85	7.71	10.70	14.30	19.00	0.064
**13D8.2	377	8.2	0.0073	10.0	5.0	0.029	2.34	3.47	5.52	7.64	10.20	13.60	0.050
**13D16.5	372	16.5	0.0142	6.5	10.4	0.038	1.63	2.42	3.86	5.34	7.13	9.50	0.040
**13D25.5	368	25.5	0.0280	4.0	18.9	0.049	1.31	1.94	3.09	4.27	5.70	7.60	0.032
**13D36.4	365	36.4	0.0544	2.5	29.1	0.063	1.09	1.61	2.57	3.56	4.75	6.33	0.025
**13D67.3	361	67.3	0.1110	1.6	56.5	0.082	0.80	1.18	1.88	2.60	3.47	4.63	0.020
**13E5.70	547	5.7	0.0035	16.0	3.3	0.0227	3.67	5.27	8.19	11.00	14.60	19.60	0.064
**13E10.6	550	10.6	0.0073	10.0	6.9	0.0309	2.69	3.87	6.02	8.06	10.70	14.40	0.050
**13E18.8	548	18.8	0.0143	6.5	13.3	0.0412	2.02	2.91	4.51	6.05	8.06	10.80	0.040
**13E34.3	547	34.3	0.0290	4.0	25.9	0.0556	1.49	2.15	3.34	4.47	5.96	7.99	0.032
**13E54.3	546	54.3	0.0564	2.5	44.5	0.0700	1.19	1.71	2.65	3.55	4.73	6.34	0.025
**13E86.9	545	86.9	0.1140	1.6	75.6	0.0886	0.94	1.35	2.09	2.81	3.74	5.01	0.020
**13F6.80	694	6.8	0.0025	26.0	2.9	0.026	3.47	5.15	8.20	11.30	15.20	20.20	0.080
**13F11.5	682	11.5	0.0049	16.0	5.6	0.034	2.65	3.43	6.25	8.65	11.60	15.40	0.064
**13F20.9	679	20.9	0.0100	10.0	11.3	0.046	1.96	2.91	4.63	6.41	8.55	11.40	0.050
**13F32.9	672	32.9	0.0190	6.5	20.4	0.058	1.55	2.31	3.67	5.08	6.78	9.04	0.040
**13F55.9	665	55.9	0.0380	4.0	39.1	0.076	1.19	1.76	2.80	3.88	5.18	6.90	0.032
**13F96.7	666	96.7	0.0750	2.5	73.0	0.100	0.90	1.34	2.13	2.95	3.94	5.25	0.025
**13F147	658	147.0	0.1480	1.6	121.0	0.124	0.73	1.08	1.72	2.38	3.18	4.23	0.020
**13G14.8	1266	14.8	0.0035	26.0	5.9	0.030	3.18	4.72	7.51	10.40	13.90	18.50	0.080
**13G25.2	1253	25.2	0.0066	16.0	11.6	0.039	2.43	3.60	5.72	7.92	10.60	14.10	0.064
**13G41.3	1227	41.3	0.0140	10.0	21.9	0.050	1.87	2.78	4.43	6.12	8.18	10.90	0.050
**13G68.7	1223	68.7	0.0282	6.5	41.2	0.066	1.45	2.15	3.43	4.74	6.33	8.44	0.040
**13G113	1216	113.0	0.0564	4.0	75.7	0.084	1.13	1.67	2.66	3.87	4.92	6.56	0.032
**13G187	1211	187.0	0.1137	2.5	140.0	0.109	0.88	1.30	2.07	2.86	3.82	5.09	0.025
**13G285	1198	285.0	0.2232	1.6	231.0	0.135	0.71	1.05	1.66	2.30	3.08	4.10	0.020
**13J12.7	1158	12.7	0.0033	26.0	5.1	0.027	3.29	4.87	7.75	10.70	14.30	19.10	0.080
**13J21.7	1156	21.7	0.0060	16.0	10.2	0.036	2.51	3.72	5.93	8.21	11.00	14.60	0.064
**13J38.0	1135	38.2	0.0132	10.0	20.2	0.048	1.87	2.78	4.43	6.13	8.18	10.90	0.050
**13J62.5	1126	62.5	0.0264	6.5	36.9	0.062	1.46	2.16	3.45	4.77	6.37	8.49	0.040
**13J101	1113	101.0	0.0527	4.0	68.7	0.079	1.14	1.69	2.70	3.73	4.98	6.64	0.032
**13J160	1111	160.0	0.1038	2.5	122.0	0.099	0.91	1.34	2.14	2.96	3.95	5.27	0.025
**13J252	1106	252.0	0.2066	1.6	209.0	0.125	0.72	1.07	1.70	2.35	3.14	4.19	0.020

PART NUMBER ORDERING INFORMATION

EXAMPLE: **A 13 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 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.	

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	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%	
**13K21.0	2250	21.0	0.0047	26.0	8.8	0.093	3.56	5.28	8.40	11.60	15.50	20.70	0.080
**13K36.0	2247	36.0	0.0093	16.0	17.8	0.122	2.72	4.03	6.41	8.88	11.90	15.80	0.064
**13K59.0	2232	59.0	0.0184	10.0	33.6	0.157	2.12	3.14	4.99	6.91	9.23	12.30	0.050
**13K98.0	2193	98.0	0.0364	6.5	61.7	0.203	1.63	2.41	3.84	5.32	7.10	9.46	0.040
**13K161	2180	161.0	0.0710	4.0	114.0	0.261	1.27	1.88	2.99	4.14	5.52	7.36	0.032
**13K276	2172	276.0	0.1427	2.5	215.0	0.343	0.97	1.43	2.28	3.15	4.21	5.61	0.025
**13K418	2144	418.0	0.2794	1.6	351.0	0.424	0.78	1.16	1.84	2.55	3.40	4.53	0.020
**13M40.2	3113	40.2	0.0068	26.0	15.3	0.143	3.03	4.49	7.15	9.89	13.20	17.60	0.080
**13M62.2	3091	62.2	0.0129	16.0	28.6	0.179	2.43	3.60	5.72	7.92	10.60	14.10	0.064
**13M104	3033	104.0	0.0256	10.0	54.1	0.233	1.86	2.75	4.38	6.07	8.10	10.80	0.050
**13M170	3027	170.0	0.0498	6.5	100.0	0.298	1.45	2.15	3.43	4.74	6.33	8.44	0.040
**13M275	2995	275.0	0.1000	4.0	187.0	0.382	1.14	1.68	2.68	3.71	4.95	6.60	0.032
**13M429	2990	429.0	0.1905	2.5	326.0	0.477	0.91	1.35	2.14	2.97	3.96	5.28	0.025
**13M678	2962	678.0	0.3809	1.6	549.0	0.603	0.72	1.07	1.70	2.35	3.14	4.18	0.020
**13R45.0	3367	45.0	0.0076	26.0	17.1	0.163	2.98	4.41	7.02	9.72	13.00	17.30	0.080
**13R75.0	3317	75.0	0.0146	16.0	33.0	0.211	2.29	3.39	5.40	7.47	9.98	13.30	0.064
**13R122	3299	122.0	0.0294	10.0	63.4	0.271	1.79	2.65	4.22	5.84	7.80	10.40	0.050
**13R194	3245	194.0	0.0567	6.5	113.0	0.343	1.41	2.09	3.32	4.60	6.14	8.18	0.040
**13R306	3212	306.0	0.1116	4.0	202.0	0.433	1.11	1.65	2.63	3.64	4.86	6.48	0.032
**13R522	3211	522.0	0.2242	2.5	392.0	0.566	0.85	1.26	2.01	2.79	3.72	4.96	0.025
**13R760	3178	760.0	0.4314	1.6	616.0	0.686	0.70	1.04	1.66	2.30	3.07	4.09	0.020
**13S79.0	5775	79.0	0.0100	26.0	30.0	0.143	2.94	4.36	6.94	9.61	12.80	17.10	0.080
**13S125	5695	125.0	0.0196	16.0	55.0	0.181	2.32	3.44	5.48	7.59	10.10	13.50	0.064
**13S197	5639	197.0	0.0389	10.0	102.0	0.228	1.84	2.73	4.34	6.01	8.03	10.70	0.050
**13S325	5597	325.0	0.0776	6.5	186.0	0.295	1.43	2.12	3.37	4.66	6.23	8.30	0.040
**13S515	5591	515.0	0.1508	4.0	345.0	0.371	1.13	1.68	2.68	3.70	4.94	6.59	0.032
**13S822	5557	822.0	0.2946	2.5	617.0	0.471	0.89	1.33	2.11	2.92	3.90	5.20	0.025
**13S1255	5482	1255.0	0.5808	1.6	1029.0	0.585	0.72	1.07	1.70	2.35	3.14	4.18	0.020
**13V123	11693	123.0	0.0123	26.0	51.7	0.512	3.35	4.97	7.92	11.00	14.60	19.50	0.080
**13V209	11600	209.0	0.0246	16.0	100.0	0.672	2.56	3.80	6.05	8.37	11.02	14.90	0.064
**13V330	11487	330.0	0.0490	10.0	185.0	0.848	2.03	3.01	4.79	6.63	8.85	11.80	0.050
**13V545	11357	545.0	0.0982	6.5	338.0	1.100	1.57	2.33	3.71	5.13	6.85	9.13	0.040
**13V854	11253	854.0	0.1926	4.0	606.0	1.380	1.25	1.85	2.95	4.08	5.45	7.26	0.032
**13V1348	11259	1348.0	0.3762	2.5	1051.0	1.730	0.99	1.47	2.35	3.25	4.34	5.78	0.025
**13V2103	11125	2103.0	0.7492	1.6	1767.0	2.170	0.79	1.17	1.87	2.59	3.45	4.60	0.020
**13X80.0	9074	80.0	0.0069	41.0	25.6	0.344	3.66	5.43	8.65	12.00	16.00	21.30	0.100
**13X138	8942	138.0	0.0141	26.0	49.7	0.455	2.77	4.11	6.54	9.05	12.10	16.10	0.080
**13X220	8871	220.0	0.0270	16.0	92.4	0.578	2.18	3.24	5.16	7.14	9.53	12.70	0.064
**13X351	8775	351.0	0.0552	10.0	175.0	0.733	1.72	2.55	4.06	5.62	7.50	10.00	0.050
**13X550	8712	550.0	0.1096	6.5	308.0	0.922	1.37	2.03	3.23	4.47	5.97	7.96	0.040
**13X880	8704	880.0	0.2195	4.0	581.0	1.170	1.08	1.60	2.55	3.53	4.72	6.29	0.032
**13X1376	8600	1376.0	0.4335	2.5	1018.0	1.470	0.86	1.28	2.03	2.81	3.75	5.00	0.025
**13Y106	11246	106.0	0.0082	41.0	32.9	0.462	3.54	5.25	8.36	11.60	15.50	20.60	0.100
**13Y172	11285	172.0	0.0165	26.0	61.9	0.590	2.79	4.13	6.58	9.10	12.20	16.20	0.080
**13Y280	11113	280.0	0.0329	16.0	118.0	0.757	2.17	3.21	5.12	7.08	9.45	12.60	0.064
**13Y448	10999	448.0	0.0666	10.0	222.0	0.962	1.70	2.53	4.02	5.57	7.43	9.91	0.050
**13Y696	10859	696.0	0.1320	6.5	390.0	1.210	1.36	2.01	3.21	4.44	5.93	7.90	0.040
**13Y1100	10915	1100.0	0.2625	4.0	726.0	1.510	1.08	1.61	2.56	3.54	4.73	6.30	0.032
**13Y1730	10769	1730.0	0.5261	2.5	1280.0	1.910	0.86	1.27	2.03	2.80	3.74	4.99	0.025

PART NUMBER ORDERING INFORMATION

EXAMPLE: **A 13 K 21.0**
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 (1 or 2 Letters) _____ (microhenrys)
 CORE TYPE _____ SIZE

SWITCH MODE INDUCTORS

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