



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

PART NUMBER	½LJ <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%	
**21A0.9	429	0.9	0.0022	10.0	0.9	0.004	11.00	14.50	21.40	27.50	35.30	43.40	0.050
**21A1.6	428	1.6	0.0035	6.5	1.6	0.005	8.24	10.80	16.00	20.40	26.50	32.50	0.040
**21A3.1	430	3.1	0.0070	4.0	3.0	0.007	5.99	7.89	11.70	15.00	19.20	23.70	0.032
**21A5.7	426	5.7	0.0140	2.5	5.6	0.010	4.39	5.78	8.56	10.98	14.10	17.30	0.025
**21A10.1	427	10.1	0.0280	1.6	10.0	0.013	3.30	4.34	6.42	8.24	10.60	13.00	0.020
**21A17.1	428	17.1	0.0640	1.0	17.0	0.017	2.54	3.34	4.94	6.34	8.14	10.00	0.016
**21B1.8	973	1.8	0.0022	16.0	1.6	0.008	10.90	15.50	22.70	28.90	37.20	46.50	0.064
**21B3.3	948	3.3	0.0042	10.0	3.0	0.011	7.90	11.30	16.50	21.00	27.10	33.90	0.050
**21B7.0	943	7.0	0.0089	6.5	6.5	0.016	5.43	7.76	11.30	14.40	18.60	23.30	0.040
**21B11.0	951	11.0	0.0166	4.0	10.4	0.020	4.34	6.21	9.06	11.50	14.90	18.60	0.032
**21B23.0	1017	23.0	0.0342	2.5	22.3	0.028	3.10	4.43	6.47	8.25	10.60	13.30	0.025
**21B32.0	968	32.0	0.0653	1.6	31.4	0.034	2.56	3.65	5.33	6.79	8.76	11.00	0.020
**21D5.3	2216	5.3	0.0036	16.0	4.6	0.020	9.54	13.60	19.90	25.30	32.70	40.90	0.064
**21D10.5	2192	10.5	0.0073	10.0	9.4	0.029	6.73	9.62	14.00	17.90	23.10	28.90	0.050
**21D17.4	2163	17.4	0.0142	6.5	15.8	0.038	5.20	7.43	10.90	13.80	17.80	22.30	0.040
**21D30.0	2142	30.0	0.0280	4.0	28.5	0.049	3.95	5.64	8.23	10.50	13.50	16.90	0.032
**21D48.5	2149	48.5	0.0544	2.5	47.0	0.063	3.09	4.42	6.45	8.22	10.60	13.30	0.025
**21D81.0	2107	81.0	0.1110	1.6	79.4	0.082	2.38	3.41	4.97	6.34	8.18	10.20	0.020
**21E5.2	2621	5.2	0.0035	16.0	4.6	0.0227	11.70	15.00	21.90	27.80	35.90	44.90	0.064
**21E9.7	2625	9.7	0.0073	10.0	8.9	0.0309	8.55	11.00	16.00	20.40	26.30	32.90	0.050
**21E17.2	2623	17.2	0.0143	6.5	16.3	0.0412	6.42	8.23	12.00	15.30	19.80	24.70	0.040
**21E31.3	2621	31.3	0.0290	4.0	30.2	0.0556	4.76	6.10	8.91	11.30	14.60	18.30	0.032
**21E49.7	2612	49.7	0.0564	2.5	48.5	0.0700	3.77	4.83	7.06	8.99	11.60	14.50	0.025
**21E79.5	2628	79.5	0.1140	1.6	78.3	0.0886	2.99	3.83	5.60	7.13	9.20	11.50	0.020
**21F5.5	2999	5.5	0.0025	26.0	4.2	0.026	10.90	15.60	22.70	29.00	37.40	46.70	0.080
**21F9.5	3027	9.5	0.0049	16.0	7.9	0.034	8.34	11.90	17.40	22.20	28.60	35.70	0.064
**21F17.0	2962	17.0	0.0100	10.0	14.9	0.046	6.16	8.81	12.90	16.40	21.10	26.40	0.050
**21F27.0	2977	27.0	0.0190	6.5	24.5	0.058	4.89	6.98	10.20	13.00	16.80	21.00	0.040
**21F46.5	2976	46.5	0.0380	4.0	43.7	0.076	3.73	5.33	7.78	9.91	12.80	16.00	0.032
**21F80.0	2977	80.0	0.0750	2.5	77.6	0.100	2.84	4.05	5.91	7.53	9.72	12.20	0.025
**21F123	2953	123.0	0.1480	1.6	120.5	0.124	2.29	3.27	4.77	6.08	7.84	9.80	0.020
**21G10.0	5085	10.0	0.0033	26.0	7.5	0.044	10.50	15.00	22.00	28.00	36.10	45.10	0.080
**21G17.5	4998	17.5	0.0068	16.0	14.1	0.059	7.90	11.30	16.50	21.00	27.10	33.80	0.064
**21G29.5	4986	29.5	0.0129	10.0	25.3	0.076	6.07	8.68	12.70	16.10	20.90	26.00	0.050
**21G50.0	4950	50.0	0.0255	6.5	45.0	0.100	4.64	6.64	9.69	12.30	15.90	19.90	0.040
**21G80.0	4930	80.0	0.0490	4.0	74.4	0.126	3.67	5.25	7.66	9.76	12.60	15.70	0.032
**21G140	4956	140.0	0.0992	2.5	133.0	0.168	2.77	3.96	5.78	7.36	9.50	11.90	0.025
**21G205	4932	205.0	0.1902	1.6	200.0	0.203	2.29	3.27	4.77	6.08	7.85	9.81	0.020
**21J13.5	6504	13.5	0.0039	26.0	9.7	0.055	10.20	14.60	21.30	27.20	35.10	43.90	0.080
**21J23.0	6414	23.0	0.0078	16.0	18.6	0.072	7.80	11.10	16.30	20.70	26.70	33.40	0.064
**21J35.0	6379	35.0	0.0142	10.0	30.8	0.090	6.30	9.00	13.10	16.70	21.60	27.00	0.050
**21J60.0	6365	60.0	0.0280	6.5	54.6	0.117	4.82	6.88	10.00	12.80	16.50	20.60	0.040
**21J100	6400	100.0	0.0551	4.0	94.0	0.152	3.72	5.32	7.76	9.89	12.80	16.00	0.032
**21J178	6302	178.0	0.1130	2.5	170.0	0.203	2.78	3.97	5.79	7.38	9.52	11.90	0.025
**21J257	6284	257.0	0.2160	1.6	251.0	0.245	2.31	3.30	4.81	6.13	7.91	9.89	0.020
**21K20.0	11234	20.0	0.0047	26.0	15.0	0.093	11.10	15.80	23.10	29.40	37.90	47.40	0.080
**21K34.5	11240	34.5	0.0093	16.0	28.2	0.122	8.42	12.00	17.60	22.40	28.90	36.10	0.064
**21K56.5	11153	56.5	0.0184	10.0	50.2	0.157	6.55	9.36	13.70	17.40	22.50	28.10	0.050
**21K93.5	11007	93.5	0.0364	6.5	85.0	0.203	5.05	7.22	10.50	13.40	17.30	21.70	0.040
**21K153	10796	153.0	0.0710	4.0	145.0	0.261	3.93	5.61	8.20	10.40	13.50	16.80	0.032
**21K263	10772	263.0	0.1427	2.5	252.0	0.343	3.00	4.28	6.25	7.97	10.30	12.80	0.025
**21K400	10816	400.0	0.2794	1.6	395.0	0.424	2.42	3.46	5.05	6.44	8.31	10.40	0.020

### PART NUMBER ORDERING INFORMATION

EXAMPLE: **A 21 A 0.9**

STYLE \_\_\_\_\_  
(1 or 2 Letters)      \_\_\_\_\_  
CORE TYPE      \_\_\_\_\_  
INDUCTANCE  
(microhenrys)  
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	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%	
**21M37.0	15172	37.0	0.0068	26.0	25.9	0.143	9.46	13.50	19.70	25.10	32.40	40.50	0.080
**21M57.0	14959	57.0	0.0129	16.0	45.6	0.179	7.57	10.80	15.80	20.10	25.90	32.40	0.064
**21M95.5	14803	95.5	0.0256	10.0	81.1	0.233	5.82	8.31	12.10	15.50	20.00	24.90	0.050
**21M155	14735	155.0	0.0498	6.5	138.0	0.298	4.54	6.49	9.47	12.10	15.60	19.50	0.040
**21M252	14556	252.0	0.1000	4.0	234.0	0.382	3.55	5.07	7.40	9.42	12.20	15.20	0.032
**21M394	14661	394.0	0.1905	2.5	378.0	0.477	2.84	4.05	5.92	7.54	9.73	12.20	0.025
**21M623	14444	623.0	0.3809	1.6	610.0	0.603	2.25	3.21	4.69	5.97	7.71	9.63	0.020
**21P33.0	11172	33.0	0.0073	26.0	21.5	0.117	9.82	12.30	17.90	23.30	29.50	36.80	0.080
**21P53.0	11067	53.0	0.0142	16.0	40.3	0.149	7.70	9.62	14.10	18.30	23.10	28.90	0.064
**21P86.0	11067	86.0	0.0275	10.0	71.4	0.189	6.06	7.58	11.10	14.40	18.20	22.70	0.050
**21P140	11089	140.0	0.0532	6.5	125.0	0.242	4.75	5.94	8.67	11.30	14.20	17.80	0.040
**21P223	11084	223.0	0.1057	4.0	207.0	0.306	3.75	4.69	6.84	8.90	11.20	14.10	0.032
**21P355	10935	355.0	0.2035	2.5	341.0	0.386	2.97	3.71	5.42	7.05	8.90	11.10	0.025
**21P544	10967	544.0	0.3996	1.6	533.0	0.479	2.39	2.99	4.37	5.69	7.18	8.98	0.020
**21R43.0	16943	43.0	0.0076	26.0	29.8	0.163	9.26	13.20	19.30	24.60	31.80	39.70	0.080
**21R71.5	16737	71.5	0.0146	16.0	56.4	0.211	7.15	10.20	14.90	19.00	24.50	30.60	0.064
**21R117	16568	117.0	0.0294	10.0	98.0	0.271	5.56	7.94	11.60	14.80	19.10	23.80	0.050
**21R186	16435	186.0	0.0567	6.5	167.0	0.343	4.39	6.27	9.15	11.70	15.00	18.80	0.040
**21R293	16262	293.0	0.1116	4.0	272.0	0.433	3.47	4.96	7.25	9.23	11.90	14.90	0.032
**21R495	16083	495.0	0.2242	2.5	475.0	0.566	2.66	3.80	5.55	7.07	9.12	11.40	0.025
**21R728	16082	728.0	0.4314	1.6	713.0	0.686	2.19	3.13	4.58	5.83	7.52	9.40	0.020
**21S76.5	29388	76.5	0.0100	26.0	52.7	0.286	9.14	13.10	19.10	24.30	31.30	39.20	0.080
**21S121	29002	121.0	0.0196	16.0	97.2	0.362	7.21	10.30	15.00	19.20	24.70	30.90	0.064
**21S192	28812	192.0	0.0389	10.0	163.0	0.457	5.71	8.16	11.90	15.20	19.60	24.50	0.050
**21S317	28354	317.0	0.0776	6.5	285.0	0.590	4.42	6.31	9.22	11.70	15.20	18.90	0.040
**21S498	28387	498.0	0.1508	4.0	463.0	0.743	3.51	5.02	7.33	9.34	12.00	15.10	0.032
**21S801	28357	801.0	0.2946	2.5	768.0	0.942	2.77	3.95	5.77	7.36	9.49	11.90	0.025
**21S1225	27931	1225.0	0.5808	1.6	1200.0	1.170	2.23	3.18	4.65	5.92	7.64	9.55	0.020
**21U66.0	43592	66.0	0.007	41.0	40.2	0.321	12.00	17.10	25.00	31.80	41.10	51.40	0.100
**21U116	43209	116.0	0.014	26.0	80.0	0.428	9.00	12.90	18.80	23.90	30.80	38.60	0.080
**21U187	42638	187.0	0.025	16.0	145.0	0.547	7.04	10.10	14.70	18.70	24.10	30.20	0.064
**21U305	42109	305.0	0.053	10.0	256.0	0.702	5.49	7.84	11.50	14.60	18.80	23.50	0.050
**21U489	41840	489.0	0.106	6.5	435.0	0.892	4.32	6.17	9.01	11.50	14.80	18.50	0.040
**21U767	42001	767.0	0.209	4.0	709.0	1.120	3.45	4.92	7.19	9.16	11.80	14.80	0.032
**21U1197	41668	1197.0	0.412	2.5	1179.0	1.400	2.75	3.92	5.73	7.29	9.41	11.80	0.025
**21V120	58609	120.0	0.0123	26.0	87.6	0.512	10.30	14.70	21.50	27.40	35.40	44.20	0.080
**21V203	57636	203.0	0.0246	16.0	164.0	0.672	7.87	11.20	16.40	20.90	27.00	33.70	0.064
**21V320	57031	320.0	0.0490	10.0	283.0	0.848	6.23	8.90	13.00	16.60	21.40	26.70	0.050
**21V529	56668	529.0	0.0982	6.5	476.0	1.100	4.82	6.89	10.10	12.80	16.50	20.70	0.040
**21V830	55809	830.0	0.1926	4.0	780.0	1.380	3.84	5.48	8.00	10.20	13.10	16.40	0.032
**21V1309	56159	1309.0	0.3762	2.5	1270.0	1.730	3.05	4.36	6.37	8.11	10.50	13.10	0.025
**21V2042	55216	2042.0	0.7492	1.6	2010.0	2.170	2.43	3.47	5.07	6.46	8.34	10.40	0.020
**21X74.0	44419	74.0	0.0069	41.0	44.0	0.344	11.40	16.30	23.90	30.40	39.20	49.00	0.100
**21X128	44045	128.0	0.0141	26.0	87.0	0.455	8.65	12.40	18.00	23.00	29.60	37.10	0.080
**21X203	43271	203.0	0.0270	16.0	158.0	0.578	6.82	9.74	14.20	18.10	23.40	29.20	0.064
**21X324	42849	324.0	0.0552	10.0	272.0	0.733	5.37	7.67	11.20	14.30	18.40	23.00	0.050
**21X508	42531	508.0	0.1096	6.5	452.0	0.922	4.27	6.10	8.91	11.40	14.60	18.30	0.040
**21X813	42733	813.0	0.2195	4.0	747.0	1.170	3.38	4.82	7.04	8.97	11.60	14.50	0.032
**21X1272	42056	1272.0	0.4335	2.5	1221.0	1.470	2.69	3.84	5.60	7.14	9.21	11.50	0.025
**21Y102	57292	102.0	0.0082	41.0	58.0	0.462	11.10	15.80	23.10	29.40	37.90	47.40	0.100
**21Y165	56777	165.0	0.0165	26.0	110.0	0.590	8.66	12.40	18.10	23.00	29.70	37.10	0.080
**21Y269	56168	269.0	0.0329	16.0	204.0	0.757	6.75	9.64	14.10	17.90	23.10	28.90	0.064
**21Y430	55883	430.0	0.0666	10.0	355.0	0.962	5.31	7.59	11.10	14.10	18.20	22.80	0.050
**21Y669	55400	669.0	0.1320	6.5	592.0	1.210	4.24	6.05	8.84	11.30	14.50	18.20	0.040
**21Y1054	55401	1054.0	0.2625	4.0	969.0	1.510	3.38	4.82	7.04	8.97	11.60	14.50	0.032
**21Y1665	55049	1665.0	0.5261	2.5	1580.0	1.910	2.67	3.82	5.58	7.10	9.16	11.50	0.025

### PART NUMBER ORDERING INFORMATION

EXAMPLE: **A 21 M 37.0**

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

# SWITCH MODE INDUCTORS

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