The Optimum Choice
OPT INDUSTRIES, INC.
300 RED SCHOOL LANE PHILLIPSBURG, N.J. 08865 (908) 454-2600 FAX (908) 454-3742

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%	
**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

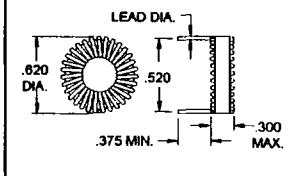
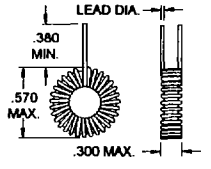
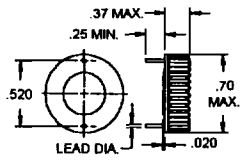
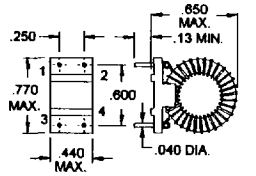
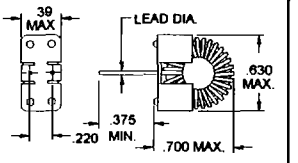
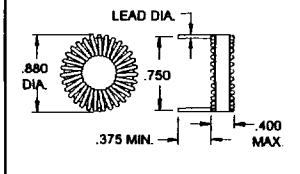
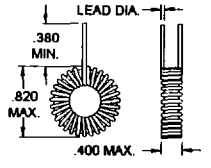
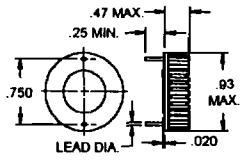
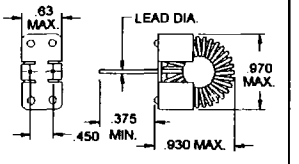
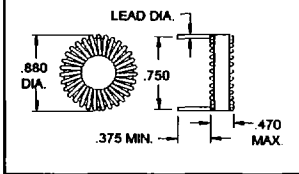
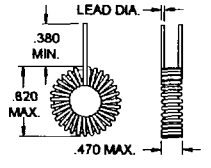
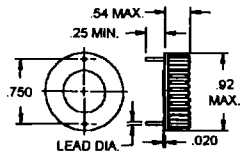
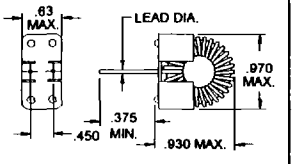
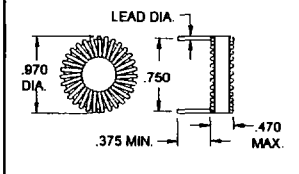
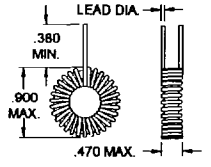
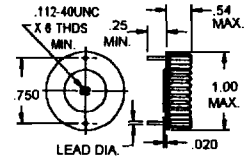
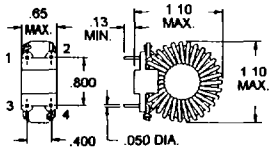
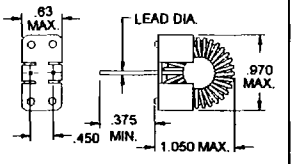
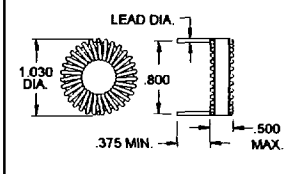
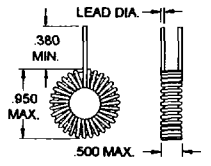
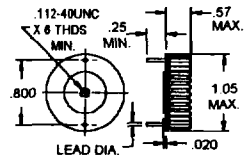
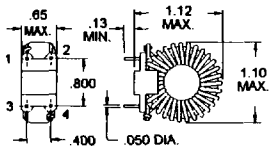
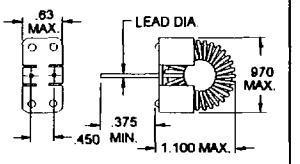
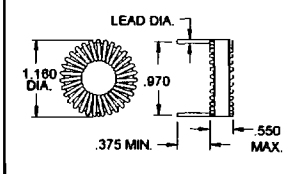
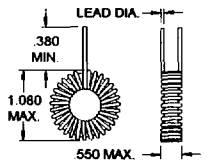
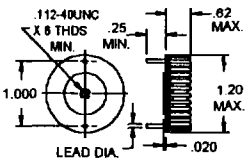
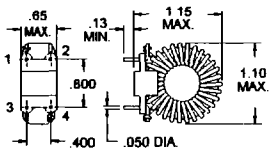
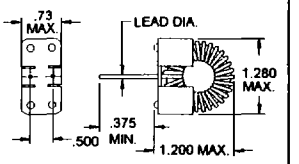
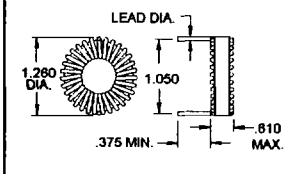
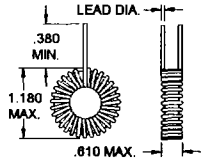
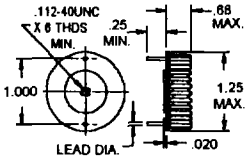
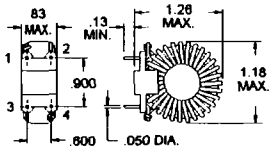
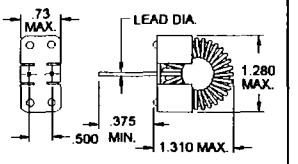
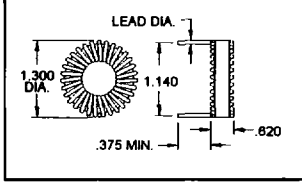
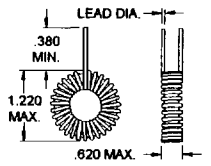
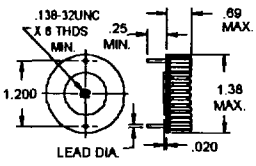
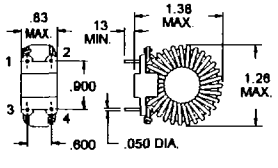
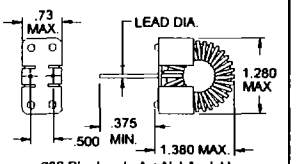
PART NUMBER ORDERING INFORMATION

EXAMPLE: **A 13 A 0.9**

- **A** — STYLE (1 or 2 Letters)
- **13** — CORE TYPE
- **A** — SIZE
- **0.9** — INDUCTANCE (microhenrys)

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.	
			Only the most cost-effective mechanical configurations are shown. Contact the factory for other styles.	
				
				
				
				
				 .080 Dia. Leads Are Not Avalable

Dimensions are in inches

For LEAD DIA. see table on the facing page.

HOW TO ORDER

Important ordering information and technical data given on page 5