



Toroidal Power Inductors

Open, Base Mount, Encapsulated

L61 thru L64

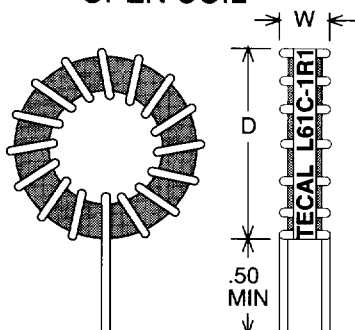
The L61 thru L64 series are toroidal power inductors designed for use as swinging chokes in Switch Mode Power Supplies, Regulators, and EMI/RFI applications.

FEATURES:

- Low EMI toroidal construction
- Application frequencies up to 1 MHz
- Controlled saturation for repeatable performance
- Three packages to meet most requirements

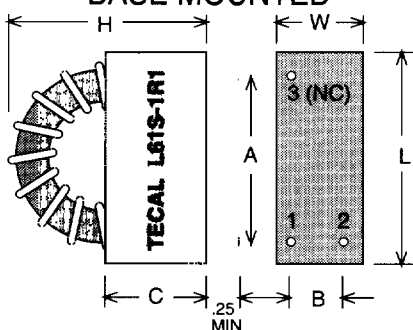
STYLE C

OPEN COIL



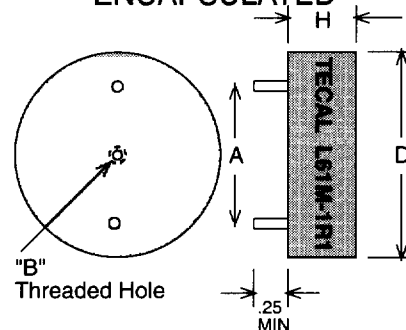
STYLE S

BASE MOUNTED



STYLE M

ENCAPSULATED



Dimensions (Inches)

Series	D Max.	W Max.	Wt. Oz.
L61C	1.00	.50	.14
L62C	1.25	.60	.44
L63C	1.90	.90	1.1
L64C	2.20	1.10	2.1

Series	L	W	H Max.	A	B	C	Wt. Oz.
L61S	1.00	.56	1.05	.75	.35	.40	.23
L62S	1.25	.70	1.30	.95	.40	.60	.65
L63S	1.96	.91	1.95	1.62	.50	.70	1.6
L64S	2.12	1.08	2.30	1.75	.90	1.0	3.0

Series	D	H	A	B	Wt. Oz.
L61M	1.06	.50	.90	4-40	.26
L62M	1.38	.65	1.20	6-32	.80
L63M	2.00	1.00	1.70	8-32	2.1
L64M	2.50	1.25	1.25	10-32	3.8

L61 Size Series (*specify style: C, S, or M)

Part Number	Inductance uH @ 0ADC	Max. DCR (Ohms)	Rated Current (Amps)	5% L Drop (Amp DC)	10% L Drop (Amp DC)	20% L Drop (Amp DC)	30% L Drop (Amp DC)	40% L Drop (Amp DC)	50% L Drop (Amp DC)
L61*-1R1	1.1	.002	5.0	26.3	34.1	50.0	59.8	71.8	83.3
L61*-2R5	2.5	.003	5.0	17.0	22.1	32.4	38.8	46.6	54.1
L61*-4R5	4.5	.004	5.0	10.7	14.3	21.0	25.2	30.2	35.1
L61*-8R0	8.0	.005	5.0	8.8	11.6	16.0	20.0	24.0	27.8
L61*-150	15	.007	5.0	5.1	7.5	11.0	14.0	16.9	20.0
L61*-300	30	.009	5.0	4.2	5.5	8.0	10.2	12.4	14.9
L61*-600	60	.017	5.0	2.1	3.6	5.4	6.9	8.5	10.2
L61*-121	120	.027	5.0	1.7	2.6	3.9	5.0	6.1	7.4
L61*-221	220	.037	5.0	1.5	2.0	3.0	3.8	4.6	5.5
L61*-451	450	.090	3.2	1.3	1.6	2.2	2.8	3.4	4.0
L61*-901	900	.230	1.5	0.9	1.2	1.6	1.9	2.4	2.8
L61*-152	1500	.470	1.1	0.6	0.8	1.2	1.5	1.8	2.1

Continued on other side

All specifications are subject to change without notice.

Excellence in Magnetics

TeCal

Corporation

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TECOSO13

Toroidal Power Inductors

Open, Base Mount, Encapsulated

L61 thru L64



L62 Size Series (*specify style: C, S, or M)

Part Number	Inductance uH @ 0ADC	Max. DCR (Ohms)	Rated Current (Amps)	5% L Drop (Amp DC)	10% L Drop (Amp DC)	20% L Drop (Amp DC)	30% L Drop (Amp DC)	40% L Drop (Amp DC)	50% L Drop (Amp DC)
L62*-1R4	1.4	.003	5.0	28.3	43.8	62.2	82.1	102.5	123.0
L62*-2R5	2.5	.003	5.0	23.8	36.8	52.5	69.7	87.0	104.3
L62*-5R5	5.5	.005	5.0	16.0	24.8	35.4	47.0	58.7	70.4
L62*-130	13	.007	5.0	9.5	14.7	21.0	31.5	39.3	47.1
L62*-260	26	.010	5.0	6.3	10.0	15.0	20.0	25.0	30.0
L62*-500	50	.013	5.0	4.2	6.9	10.3	13.9	17.4	21.0
L62*-101	100	.018	5.0	3.3	4.9	7.5	9.8	12.2	14.9
L62*-221	220	.034	5.0	2.9	3.7	5.1	6.9	8.3	9.9
L62*-471	470	.055	4.5	1.5	2.0	3.4	4.4	5.5	6.8
L62*-102	1000	.130	4.5	1.2	1.6	2.3	3.1	3.9	4.7
L62*-182	1800	.340	2.0	1.0	1.3	1.9	2.4	2.9	3.5
L62*-272	2700	.520	2.0	0.6	0.9	1.4	1.8	2.3	2.8

L63 Size Series (*specify style: C, S, or M)

L63*-1R3	1.3	.003	9.0	51.6	72.2	101.0	128.3	160.3	192.3
L63*-3R0	3.0	.004	9.0	40.0	56.0	78.4	99.5	124.3	149.0
L63*-6R5	6.5	.005	9.0	31.2	43.6	61.0	77.5	96.8	116.1
L63*-140	14	.008	9.0	24.4	34.3	48.6	62.1	77.5	92.9
L63*-300	30	.011	9.0	17.6	24.8	35.2	45.0	56.2	67.4
L63*-550	55	.015	9.0	12.2	18.5	26.3	33.6	42.0	50.4
L63*-101	100	.020	9.0	9.4	13.3	19.7	25.2	31.6	37.9
L63*-221	220	.020	9.0	4.9	6.6	9.4	11.9	14.4	17.1
L63*-471	470	.034	7.0	2.7	4.1	6.3	8.1	10.0	12.0
L63*-102	100	.120	3.5	2.0	2.7	4.2	5.4	6.8	8.2
L63*-222	2200	.220	2.8	1.6	2.1	3.0	3.8	4.6	5.5
L63*-402	4000	.300	2.0	1.1	1.5	2.1	2.8	3.3	4.0

L64 Size Series (*specify style: C, S, or M)

L64*-2R2	2.2	.003	14.0	49.8	67.2	100.2	130.2	158.8	190.6
L64*-5R0	5.0	.004	14.0	40.0	54.0	80.5	104.6	127.6	153.1
L64*-110	11	.005	14.0	32.1	43.3	64.5	83.8	102.2	122.6
L64*-230	23	.007	14.0	24.6	33.2	49.5	64.3	78.4	94.1
L64*-500	50	.011	14.0	18.3	24.7	36.9	47.8	58.3	70.0
L64*-101	100	.016	14.0	12.8	17.3	25.9	33.6	41.0	49.2
L64*-231	230	.023	14.0	7.1	10.4	15.8	20.5	25.0	30.0
L64*-471	470	.023	14.0	3.5	5.4	8.0	10.4	12.7	15.4
L64*-102	1000	.065	9.0	2.4	3.5	5.5	7.2	8.8	10.7
L64*-222	2200	.120	7.0	2.0	3.0	4.0	5.0	6.1	7.3
L64*-402	4000	.260	4.5	1.1	1.6	2.8	3.5	4.5	5.4
L64*-562	5600	.310	4.5	0.9	1.4	2.2	3.0	3.8	4.5

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