

CAUTION
NOT RECOMMENDED FOR DC
APPLICATIONS
 (DC SATURATION CURRENTS VERY LOW)

RL-1123

RL-1124

SHIELDED INDUCTORS

FERRITE COILFORM & SHELL

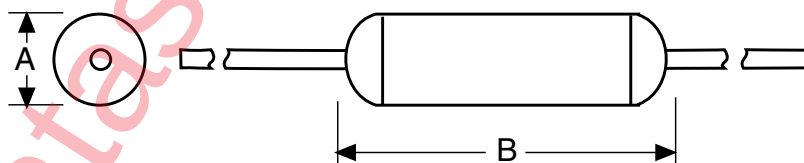


The RL-1123/RL-1124 Series of low cost, miniature shielded coils come in wide inductance and current ranges. Their small size make them extremely useful in compact audio filters, tone control circuits, and amplifiers and wherever high inductance coils are needed. These Shielded Inductors make an excellent low cost alternative to fixed pot cores. Inductances range from 1 μ to 47H and currents are rated from .0054 to 1.5 Amps.

Other Applications:

- Low Level Power Supplies
- Filters
- Switching Circuits
- Telecommunications

Specifications: Supplied with PVC outer wrap.



MAXIMUM DIMENSIONS:		
	RL-1123	RL-1124
A	.550	.325 MAX
B	1.000	.725

ALL DIMENSIONS IN INCHES

- Weight: RL-1123 15 grams maximum approx.
 RL-1124 5 grams maximum approx.

- Leads No. 20 AWG tinned copper 1" long min.

ORDERING INFORMATION;

Note: Indicate tolerance after part number.
 Ex. RL-1123-1000 20%



RENCO ELECTRONICS, INC.

✉ 595 International Place, Rockledge, FL 32955-4200 USA

☎ (321) 637-1000 • Toll Free Engineering Hot line 800-645-5828

✉ Fax: (321) 637-1600 🌐 Web Site: www.rencousa.com ✉ E-mail: sales@rencousa.com

RL-1123			
Renco Part No.	Inductance	Max. DCR (Ohms)	Suggested Rated Current AC Amps
RL-1123-.0010	1.0μH	.0066	1.5
RL-1123-.0012	1.2μH	.008	1.4
RL-1123-.0015	1.5μH	.008	1.4
RL-1123-.0018	1.8μH	.008	1.4
RL-1123-.0022	2.2μH	.008	1.4
RL-1123-.0027	2.7μH	.009	1.4
RL-1123-.0033	3.3μH	.009	1.4
RL-1123-.0039	3.9μH	.009	1.4
RL-1123-.0047	4.7μH	.012	1.4
RL-1123-.0056	5.6μH	.012	1.4
RL-1123-.0068	6.8μH	.012	1.4
RL-1123-.0082	8.2μH	.013	1.4
RL-1123-.0100	10.0μH	.013	1.4
RL-1123-.0120	12.0μH	.013	1.4
RL-1123-.0150	15.0μH	.014	1.4
RL-1123-.0180	18.0μH	.017	1.4
RL-1123-.0220	22.0μH	.020	1.4
RL-1123-.0270	27.0μH	.020	1.4
RL-1123-.0330	33.0μH	.022	1.4
RL-1123-.0390	39.0μH	.023	1.35
RL-1123-.0470	47.0μH	.024	1.35
RL-1123-.0560	56.0μH	.027	1.35
RL-1123-.0680	68.0μH	.028	1.35
RL-1123-.0820	82.0μH	.029	1.35
RL-1123-.1000	100.0μH	.030	1.35
RL-1123-.1200	120.0μH	.034	1.35
RL-1123-.1500	150.0μH	.036	1.35
RL-1123-.1800	180.0μH	.044	1.35
RL-1123-.2200	220.0μH	.047	1.35
RL-1123-.2700	270.0μH	.049	1.35
RL-1123-.3300	330.0μH	.052	1.30
RL-1123-.3900	390.0μH	.053	1.30
RL-1123-.4700	470.0μH	.058	1.30
RL-1123-.5600	560.0μH	.063	1.30
RL-1123-.6800	680.0μH	.068	1.30
RL-1123-.8200	820.0μH	.080	1.30
RL-1123-1.0	1.0mH	.091	1.30
RL-1123-1.2	1.2mH	.110	1.25
RL-1123-1.5	1.5mH	.116	1.25
RL-1123-1.8	1.8mH	.130	1.25
RL-1123-2.2	2.2mH	.177	1.12
RL-1123-2.7	2.7mH	.190	1.12
RL-1123-3.3	3.3mH	.295	1.12
RL-1123-3.9	3.9mH	.287	.88
RL-1123-4.7	4.7mH	.364	.88
RL-1123-5.6	5.6mH	.440	.707
RL-1123-6.8	6.8mH	.662	.556
RL-1123-8.2	8.2mH	.700	.556
RL-1123-10	10.0mH	.741	.556
RL-1123-12	12.0mH	.827	.556
RL-1123-15	15.0mH	1.10	.437
RL-1123-18	18.0mH	1.25	.437
RL-1123-22	22.0mH	1.67	.350
RL-1123-27	27.0mH	1.92	.227
RL-1123-33	33.0mH	2.76	.224

RL-1123			
Renco Part No.	Inductance	Max. DCR (Ohms)	Suggested Rated Current AC Amps
RL-1123-39	39.0mH	3.48	.224
RL-1123-47	47.0mH	4.32	.224
RL-1123-56	56.0mH	4.44	.224
RL-1123-68	68.0mH	4.80	.224
RL-1123-82	82.0mH	7.20	.175
RL-1123-100	100.0mH	9.50	.175
RL-1123-120	120.0mH	10.56	.139
RL-1123-150	150.0mH	12.24	.139
RL-1123-180	180.0mH	13.68	.139
RL-1123-220	220.0mH	24.00	.110
RL-1123-270	270.0mH	27.00	.088
RL-1123-330	330.0mH	32.00	.080
RL-1123-390	390.0mH	37.08	.071
RL-1123-470	470.0mH	39.48	.071
RL-1123-560	560.0mH	46.68	.071
RL-1123-680	680.0mH	56.80	.071
RL-1123-820	820.0mH	67.30	.056
RL-1123-1000	1.0H	85.0	.056
RL-1123-1200	1.2H	101.0	.043
RL-1123-1500	1.5H	160.0	.034
RL-1123-1800	1.8H	180.0	.034
RL-1123-2200	2.2H	208.0	.027
RL-1123-2700	2.7H	222.0	.027
RL-1123-3300	3.3H	259.0	.027
RL-1123-3900	3.9H	314.0	.027
RL-1123-4700	4.7H	382.0	.027
RL-1123-5600	5.6H	472.0	.022
RL-1123-6800	6.8H	510.0	.022
RL-1123-8200	8.2H	714.0	.017
RL-1123-10000	10.0H	829.0	.014
RL-1123-12000	12.0H	1060.0	.014
RL-1123-15000	15.0H	1200.0	.014
RL-1123-18000	18.0H	1730.0	.011
RL-1123-22000	22.0H	2290.0	.0086
RL-1123-27000	27.0H	2380.0	.008
RL-1123-33000	33.0H	3860.0	.0069
RL-1123-39000	39.0H	4360.0	.0069
RL-1123-47000	47.0H	5170.0	.0054

Inductance values shown in μH = microHenrys,
mH = milliHenrys and H = Henrys.

NOTES:

1. Ends epoxy sealed.
2. -55°C to +130°C.
3. ± 20% tolerance standard.
4. ± 10% tolerance optional.
5. Available taped and reeled.
6. Inductance measured at 1KHz.



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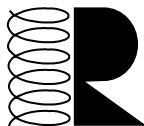
RL-1124			
Renco Part No.	Inductance	Max. DCR (Ohms)	Suggested Rated Current AC Amps
RL-1124-.0010	1.0μH	.011	.707
RL-1124-.0012	1.2μH	.012	.707
RL-1124-.0015	1.5μH	.012	.707
RL-1124-.0018	1.8μH	.012	.707
RL-1124-.0022	2.2μH	.012	.707
RL-1124-.0027	2.7μH	.013	.707
RL-1124-.0033	3.3μH	.013	.707
RL-1124-.0039	3.9μH	.014	.707
RL-1124-.0047	4.7μH	.014	.707
RL-1124-.0056	5.6μH	.017	.707
RL-1124-.0068	6.8μH	.018	.707
RL-1124-.0082	8.2μH	.018	.707
RL-1124-.0100	10.0μH	.020	.707
RL-1124-.0120	12.0μH	.022	.707
RL-1124-.0150	15.0μH	.024	.707
RL-1124-.0180	18.0μH	.030	.707
RL-1124-.0220	22.0μH	.032	.707
RL-1124-.0270	27.0μH	.034	.707
RL-1124-.0330	33.0μH	.036	.707
RL-1124-.0390	39.0μH	.038	.707
RL-1124-.0470	47.0μH	.040	.707
RL-1124-.0560	56.0μH	.046	.707
RL-1124-.0680	68.0μH	.047	.707
RL-1124-.0820	82.0μH	.050	.707
RL-1124-.1000	100.0μH	.054	.707
RL-1124-.1200	120.0μH	.059	.707
RL-1124-.1500	150.0μH	.090	.707
RL-1124-.1800	180.0μH	.078	.707
RL-1124-.2200	220.0μH	.082	.707
RL-1124-.2700	270.0μH	.098	.707
RL-1124-.3300	330.0μH	.132	.556
RL-1124-.3900	390.0μH	.142	.556
RL-1124-.4700	470.0μH	.170	.556
RL-1124-.5600	560.0μH	.222	.437
RL-1124-.6800	680.0μH	.235	.437
RL-1124-.8200	820.0μH	.260	.437
RL-1124-1.0	1.0mH	.440	.350
RL-1124-1.2	1.2mH	.470	.350
RL-1124-1.5	1.5mH	.640	.277
RL-1124-1.8	1.8mH	.700	.277
RL-1124-2.2	2.2mH	.925	.224
RL-1124-2.7	2.7mH	1.02	.224
RL-1124-3.3	3.3mH	1.16	.224
RL-1124-3.9	3.9mH	1.61	.175
RL-1124-4.7	4.7mH	1.69	.175
RL-1124-5.6	5.6mH	2.42	.139
RL-1124-6.8	6.8mH	2.57	.139
RL-1124-8.2	8.2mH	3.19	.110
RL-1124-10	10.0mH	4.16	.110
RL-1124-12	12.0mH	4.32	.110
RL-1124-15	15.0mH	4.96	.110
RL-1124-18	18.0mH	5.28	.110
RL-1124-22	22.0mH	9.06	.080
RL-1124-27	27.0mH	9.12	.080
RL-1124-33	33.0mH	12.18	.071

RL-1124			
Renco Part No.	Inductance	Max. DCR (Ohms)	Suggested Rated Current AC Amps
RL-1124-39	39.0mH	14.16	.071
RL-1124-47	47.0mH	17.18	.056
RL-1124-56	56.0mH	18.71	.056
RL-1124-68	68.0mH	27.36	.043
RL-1124-82	82.0mH	31.32	.043
RL-1124-100	100.0mH	42.84	.034
RL-1124-120	120.0mH	47.16	.034
RL-1124-150	150.0mH	61.56	.027
RL-1124-180	180.0mH	69.12	.027
RL-1124-220	220.0mH	90.0	.027
RL-1124-270	270.0mH	100.0	.027
RL-1124-330	330.0mH	117.0	.022
RL-1124-390	390.0mH	125.0	.022
RL-1124-470	470.0mH	183.0	.017
RL-1124-560	560.0mH	206.0	.017
RL-1124-680	680.0mH	282.0	.014
RL-1124-820	820.0mH	356.0	.011
RL-1124-1000	1.0H	410.0	.011
RL-1124-1200	1.2H	568.0	.0086
RL-1124-1500	1.5H	634.0	.0086
RL-1124-1800	1.8H	950.0	.0069
RL-1124-2200	2.2H	964.0	.0069
RL-1124-2700	2.7H	987.0	.0054
RL-1124-3300	3.3H	1400.0	.0054
RL-1124-3900	3.9H	1682.0	.0054
RL-1124-4700	4.7H	1700.0	.0054

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NOTES:

1. Ends epoxy sealed.
2. -55°C to +130°C.
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