



Features

- Four types available
- High rated current for high current circuits
- Available in E12 series
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

- Power supplies
- DC/DC converters
- General use

RLB Series Radial Inductors

General Specifications

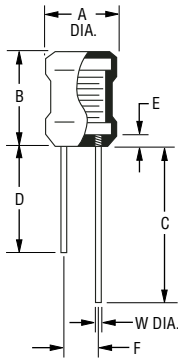
Temperature Rise20 °C max. at rated current
 Operating Temperature-20 °C to +80 °C
 Storage Temperature-25 °C to +85 °C

Materials

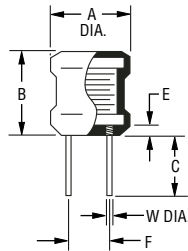
Core MaterialFerrite DR core
 WireEnamelled copper wire
 LeadSee How to Order
 TubeShrinkable tube 125 °C, 600 V

Product Dimensions

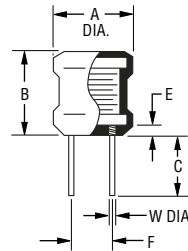
RLB0608, RLB0812, RLB1014,
 RLB0712, RLB0914 Series



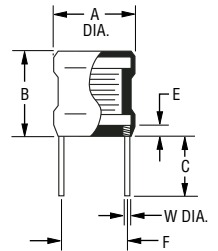
RLB0912 Series



RLB1314-680K
 thru RLB1314-153K



RLB1314-3R3M
 thru RLB1314-470K



Series	A	B	C	D	E	F	W (DIA.)	Inductance Range
RLB0608	$\frac{5.0 \pm 0.5}{(.197 \pm .020)}$	$\frac{6.5 +1.0/-0.5}{(.256 +.039/- .020)}$	$\frac{28.0 \pm 5.0}{(1.102 \pm .197)}$	$\frac{20.0 \pm 5.0}{(.787 \pm .197)}$	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{2.0 \pm 0.5}{(.079 \pm .020)}$	$\frac{0.50}{(.020)}$	1.0 μ H — 1000 μ H
RLB0812	$\frac{6.7 \pm 0.5}{(.264 \pm .020)}$	$\frac{10.0 \pm 1.0}{(.394 \pm .039)}$	$\frac{25.0 \pm 5.0}{(.984 \pm .197)}$	$\frac{18.0 \pm 5.0}{(.709 \pm .197)}$	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{3.0 \pm 0.5}{(.118 \pm .020)}$	$\frac{0.65}{(.026)}$	47 μ H — 47 mH
RLB1014	$\frac{8.7 \pm 0.5}{(.343 \pm .020)}$	$\frac{12.0 \pm 1.0}{(.472 \pm .039)}$	$\frac{25.0 \pm 5.0}{(.984 \pm .197)}$	$\frac{18.0 \pm 5.0}{(.709 \pm .197)}$	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{5.0 \pm 0.8}{(.197 \pm .031)}$	$\frac{0.65}{(.026)}$	100 μ H — 82 mH
RLB0712	$\frac{6.7 \pm 0.5}{(.264 \pm .020)}$	$\frac{10.0 \pm 1.0}{(.394 \pm .039)}$	$\frac{25.0 \pm 5.0}{(.984 \pm .197)}$	$\frac{18.0 \pm 5.0}{(.709 \pm .197)}$	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{3.0 \pm 0.5}{(.118 \pm .020)}$	$\frac{0.65}{(.026)}$	10 μ H — 560 μ H
RLB0912	$\frac{8.7 \pm 0.5}{(.343 \pm .020)}$	$\frac{10.0 \pm 1.0}{(.394 \pm .039)}$	$\frac{5.0 \pm 1.0}{(.197 \pm .039)}$	—	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{5.0 \pm 0.8}{(.197 \pm .031)}$	$\frac{0.65}{(.026)}$	1.5 μ H — 1000 μ H
RLB0914	$\frac{8.7 \pm 0.5}{(.343 \pm .020)}$	$\frac{12.0 \pm 1.0}{(.472 \pm .039)}$	$\frac{25.0 \pm 5.0}{(.984 \pm .197)}$	$\frac{18.0 \pm 5.0}{(.709 \pm .197)}$	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{5.0 \pm 0.8}{(.197 \pm .031)}$	$\frac{0.65}{(.026)}$	3.3 μ H — 1000 μ H
RLB1314	$\frac{11.7 \pm 0.8}{(.461 \pm .031)}$	$\frac{12.0 \pm 1.0}{(.472 \pm .039)}$	$\frac{15.0 \pm 5.0}{(.591 \pm .197)}$	—	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .039)}$	Per Specs.	3. 3 μ H — 47 μ H
	$\frac{11.7 \pm 0.8}{(.461 \pm .031)}$	$\frac{12.0 \pm 1.0}{(.472 \pm .039)}$	$\frac{15.0 \pm 5.0}{(.591 \pm .197)}$	—	$\frac{2.5 + 0}{(.098 + 0)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .031)}$	$\frac{0.80}{(.031)}$	68 μ H — 15 mH

DIMENSIONS ARE: $\frac{\text{MM}}{\text{(INCHES)}}$

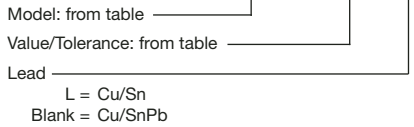
*RoHS Directive 2002/95/EC Jan 27 2003 including Annex
 Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.

RLB Series Radial Inductors

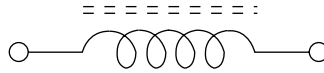
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How to Order

RLB0912 - 102K



Electrical Schematic



Typical Part Marking



Inductance Code:
 - First two digits are significant
 - Third digit represents the number of zeroes to follow
 • = Start

RLB0608 Series Electrical Characteristics

BOURNS Part No.	Inductance (μH)	Q ref.	Test freq. (MHz)		SRF (MHz) min.	RDC (ohms) max.	IDC (mA) max.
			L	Q			
RLB0608-1R0M_	1.0 ± 20 %	60	7.96	7.96	105.0	0.10	1030
RLB0608-1R2M_	1.2 ± 20 %	60	7.96	7.96	90.0	0.15	980
RLB0608-1R5M_	1.5 ± 20 %	60	7.96	7.96	75.0	0.20	920
RLB0608-1R8M_	1.8 ± 20 %	60	7.96	7.96	70.0	0.22	880
RLB0608-2R2M_	2.2 ± 20 %	60	7.96	7.96	65.0	0.24	830
RLB0608-2R7M_	2.7 ± 20 %	60	7.96	7.96	60.0	0.27	790
RLB0608-3R3M_	3.3 ± 20 %	60	7.96	7.96	50.0	0.30	750
RLB0608-3R9M_	3.9 ± 20 %	60	7.96	7.96	45.0	0.30	720
RLB0608-4R7M_	4.7 ± 20 %	60	7.96	7.96	40.0	0.35	670
RLB0608-5R6K_	5.6 ± 10 %	60	7.96	7.96	35.0	0.35	640
RLB0608-6R8K_	6.8 ± 10 %	60	7.96	7.96	30.0	0.40	620
RLB0608-8R2K_	8.2 ± 10 %	60	7.96	7.96	25.0	0.40	590
RLB0608-100K_	10.0 ± 10 %	60	2.52	2.52	20.0	0.45	550
RLB0608-120K_	12.0 ± 10 %	60	2.52	2.52	15.0	0.50	530
RLB0608-150K_	15.0 ± 10 %	60	2.52	2.52	13.0	0.55	500
RLB0608-180K_	18.0 ± 10 %	60	2.52	2.52	11.0	0.60	480
RLB0608-220K_	22.0 ± 10 %	60	2.52	2.52	10.0	0.65	460
RLB0608-270K_	27.0 ± 10 %	50	2.52	2.52	9.0	0.75	430
RLB0608-330K_	33.0 ± 10 %	50	2.52	2.52	8.0	0.85	410
RLB0608-390K_	39.0 ± 10 %	50	2.52	2.52	7.5	0.90	390
RLB0608-470K_	47.0 ± 10 %	50	2.52	2.52	7.0	1.00	370
RLB0608-560K_	56.0 ± 10 %	50	2.52	2.52	6.5	1.20	350
RLB0608-680K_	68.0 ± 10 %	50	2.52	2.52	6.0	1.30	340
RLB0608-820K_	82.0 ± 10 %	50	2.52	2.52	5.5	1.50	320
RLB0608-101K_	100.0 ± 10 %	50	0.796	0.796	5.0	1.70	305
RLB0608-121K_	120.0 ± 10 %	50	0.796	0.796	4.8	1.90	290
RLB0608-151K_	150.0 ± 10 %	50	0.796	0.796	4.4	2.10	275
RLB0608-181K_	180.0 ± 10 %	50	0.796	0.796	4.2	2.30	235
RLB0608-221K_	220.0 ± 10 %	45	0.796	0.796	3.8	2.50	200
RLB0608-271K_	270.0 ± 10 %	45	0.796	0.796	3.6	2.75	180
RLB0608-331K_	330.0 ± 10 %	45	0.796	0.796	3.3	4.68	165
RLB0608-391K_	390.0 ± 10 %	45	0.796	0.796	3.0	6.00	150
RLB0608-471K_	470.0 ± 10 %	55	0.796	0.796	2.8	6.50	140
RLB0608-561K_	560.0 ± 10 %	55	0.796	0.796	2.4	8.50	135
RLB0608-681K_	680.0 ± 10 %	55	0.796	0.796	2.2	9.00	125
RLB0608-821K_	820.0 ± 10 %	55	0.796	0.796	2.0	9.60	120
RLB0608-102K_	1000.0 ± 10 %	55	0.252	0.252	1.8	11.50	100

Packaging: 800 pieces per bag

Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.

RLB Series Radial Inductors



RLB0812 Series Electrical Characteristics

BOURNS Part No.	Inductance (μ H)	Q ref.	Test freq. (MHz)		SRF (MHz) min.	RDC (ohms) max.	IDC (mA) max.
			L	Q			
RLB0812-470K_	47 \pm 10 %	30	2.52		6.00	0.40	450
RLB0812-560K_	56 \pm 10 %	30	2.52		5.50	0.45	400
RLB0812-680K_	68 \pm 10 %	30	2.52		5.00	0.50	360
RLB0812-820K_	82 \pm 10 %	30	2.52		4.50	0.50	340
RLB0812-101K_	100 \pm 10 %	45	0.796		4.20	0.60	320
RLB0812-121K_	120 \pm 10 %	45	0.796		3.60	0.70	300
RLB0812-151K_	150 \pm 10 %	45	0.796		3.40	0.90	280
RLB0812-181K_	180 \pm 10 %	45	0.796		3.20	1.00	260
RLB0812-221K_	220 \pm 10 %	45	0.796		3.00	1.20	240
RLB0812-271K_	270 \pm 10 %	45	0.796		2.80	1.40	220
RLB0812-331K_	330 \pm 10 %	45	0.796		2.50	1.60	200
RLB0812-391K_	390 \pm 10 %	45	0.796		2.30	1.80	180
RLB0812-471K_	470 \pm 10 %	45	0.796		2.20	2.00	160
RLB0812-561K_	560 \pm 10 %	45	0.796		2.00	2.50	150
RLB0812-681K_	680 \pm 10 %	45	0.796		1.70	2.90	140
RLB0812-821K_	820 \pm 10 %	45	0.796		1.50	3.10	130
RLB0812-102K_	1000 \pm 10 %	45	0.252		1.40	3.90	120
RLB0812-122K_	1200 \pm 10 %	60	0.252		1.10	4.40	110
RLB0812-152K_	1500 \pm 10 %	60	0.252		0.90	6.00	100
RLB0812-182K_	1800 \pm 10 %	60	0.252		0.80	7.00	90
RLB0812-222K_	2200 \pm 10 %	60	0.252		0.75	8.00	80
RLB0812-272K_	2700 \pm 10 %	60	0.252		0.70	9.00	70
RLB0812-332K_	3300 \pm 10 %	60	0.252		0.60	12.00	60
RLB0812-392K_	3900 \pm 10 %	60	0.252		0.55	14.00	55
RLB0812-472K_	4700 \pm 10 %	60	0.252		0.50	16.00	50
RLB0812-562K_	5600 \pm 10 %	60	0.252		0.48	18.00	45
RLB0812-682K_	6800 \pm 10 %	60	0.252		0.44	24.00	40
RLB0812-822K_	8200 \pm 10 %	60	0.252		0.40	30.00	36
RLB0812-103K_	10000 \pm 10 %	60	0.0796		0.36	39.00	34
RLB0812-123K_	12000 \pm 10 %	60	0.0796		0.32	46.00	32
RLB0812-153K_	15000 \pm 10 %	60	0.0796		0.30	54.00	30
RLB0812-183K_	18000 \pm 10 %	60	0.0796		0.28	76.00	27
RLB0812-223K_	22000 \pm 10 %	60	0.0796		0.24	92.00	25
RLB0812-273K_	27000 \pm 10 %	60	0.0796		0.20	102.00	22
RLB0812-333K_	33000 \pm 10 %	60	0.0796		0.16	140.00	20
RLB0812-393K_	39000 \pm 10 %	60	0.0796		0.13	150.00	18
RLB0812-473K_	47000 \pm 10 %	60	0.0796		0.10	162.00	16

Packaging: 400 pieces per bag

RLB Series Radial Inductors

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RLB1014 Series Electrical Characteristics

BOURNS Part No.	Inductance (μ H)	Q ref.	Test freq. (KHz)		SRF (MHz) min.	RDC (ohms) max.	IDC (mA) max.
			L	Q			
RLB1014-101K_	100 \pm 10 %	45	796.0		3.20	0.85	350
RLB1014-121K_	120 \pm 10 %	45	796.0		3.00	0.95	330
RLB1014-151K_	150 \pm 10 %	45	796.0		2.80	1.05	310
RLB1014-181K_	180 \pm 10 %	45	796.0		2.50	1.15	300
RLB1014-221K_	220 \pm 10 %	40	796.0		2.10	1.30	280
RLB1014-271K_	270 \pm 10 %	40	796.0		2.00	1.50	260
RLB1014-331K_	330 \pm 10 %	40	796.0		1.95	1.70	240
RLB1014-391K_	390 \pm 10 %	40	796.0		1.85	1.85	230
RLB1014-471K_	470 \pm 10 %	35	796.0		1.55	2.30	210
RLB1014-561K_	560 \pm 10 %	35	796.0		1.30	2.55	200
RLB1014-681K_	680 \pm 10 %	35	796.0		1.15	2.85	190
RLB1014-821K_	820 \pm 10 %	35	796.0		1.00	3.10	180
RLB1014-102K_	1000 \pm 10 %	50	252.0		0.90	4.10	160
RLB1014-122K_	1200 \pm 10 %	50	252.0		0.80	4.70	150
RLB1014-152K_	1500 \pm 10 %	50	252.0		0.70	5.80	130
RLB1014-182K_	1800 \pm 10 %	50	252.0		0.60	7.40	115
RLB1014-222K_	2200 \pm 10 %	50	252.0		0.55	8.40	110
RLB1014-272K_	2700 \pm 10 %	50	252.0		0.50	9.60	95
RLB1014-332K_	3300 \pm 10 %	50	252.0		0.45	10.50	80
RLB1014-392K_	3900 \pm 10 %	50	252.0		0.40	12.00	70
RLB1014-472K_	4700 \pm 10 %	45	252.0		0.38	14.00	65
RLB1014-562K_	5600 \pm 10 %	45	252.0		0.36	16.00	60
RLB1014-682K_	6800 \pm 10 %	40	252.0		0.34	18.00	55
RLB1014-822K_	8200 \pm 10 %	40	252.0		0.32	24.50	50
RLB1014-103K_	10000 \pm 10 %	50	79.6		0.30	32.00	45
RLB1014-123K_	12000 \pm 10 %	50	79.6		0.28	36.00	40
RLB1014-153K_	15000 \pm 10 %	50	79.6		0.26	48.00	35
RLB1014-183K_	18000 \pm 10 %	45	79.6		0.24	52.00	30
RLB1014-223K_	22000 \pm 10 %	45	79.6		0.22	58.00	28
RLB1014-273K_	27000 \pm 10 %	45	79.6		0.20	62.00	26
RLB1014-333K_	33000 \pm 10 %	45	79.6		0.18	90.00	24
RLB1014-393K_	39000 \pm 10 %	40	79.6		0.17	100.00	22
RLB1014-473K_	47000 \pm 10 %	35	79.6		0.16	150.00	20
RLB1014-563K_	56000 \pm 10 %	35	79.6		0.15	200.00	18
RLB1014-683K_	68000 \pm 10 %	35	79.6		0.14	220.00	16
RLB1014-823K_	82000 \pm 10 %	30	79.6		0.12	240.00	14

Packaging: 150 pieces per bag

RLB Series Radial Inductors

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RLB0712 Series Electrical Characteristics

BOURNS Part No.	Inductance (μH)	Q ref.	Test freq. (Hz)		SRF (MHz) min.	RDC (ohms) max.	IDC (mA) max.
			L	Q			
RLB0712-100K_	10 ± 10 %	20	1 k	2.520 M	16.0	0.07	1100
RLB0712-120K_	12 ± 10 %	20	1 k	2.520 M	12.0	0.08	1000
RLB0712-150K_	15 ± 10 %	20	1 k	2.520 M	10.0	0.09	900
RLB0712-180K_	18 ± 10 %	20	1 k	2.520 M	10.0	0.10	750
RLB0712-220K_	22 ± 10 %	20	1 k	2.520 M	9.0	0.12	700
RLB0712-270K_	27 ± 10 %	20	1 k	2.520 M	8.0	0.13	650
RLB0712-330K_	33 ± 10 %	20	1 k	2.520 M	7.0	0.15	600
RLB0712-390K_	39 ± 10 %	20	1 k	2.520 M	6.0	0.16	550
RLB0712-470K_	47 ± 10 %	20	1 k	2.520 M	6.0	0.18	450
RLB0712-560K_	56 ± 10 %	20	1 k	2.520 M	5.0	0.21	400
RLB0712-680K_	68 ± 10 %	20	1 k	2.520 M	5.0	0.24	360
RLB0712-820K_	82 ± 10 %	20	1 k	2.520 M	5.0	0.35	340
RLB0712-101K_	100 ± 10 %	20	1 k	0.796 M	4.0	0.40	320
RLB0712-121K_	120 ± 10 %	20	1 k	0.796 M	4.0	0.45	300
RLB0712-151K_	150 ± 10 %	20	1 k	0.796 M	3.5	0.50	280
RLB0712-181K_	180 ± 10 %	20	1 k	0.796 M	3.0	0.75	260
RLB0712-221K_	220 ± 10 %	20	1 k	0.796 M	3.0	0.90	240
RLB0712-271K_	270 ± 10 %	20	1 k	0.796 M	2.5	1.00	220
RLB0712-331K_	330 ± 10 %	20	1 k	0.796 M	2.5	1.10	200
RLB0712-391K_	390 ± 10 %	20	1 k	0.796 M	2.0	1.20	180
RLB0712-471K_	470 ± 10 %	20	1 k	0.796 M	2.0	1.50	160
RLB0712-561K_	560 ± 10 %	20	1 k	0.796 M	2.0	1.80	150

Packaging: 400 pieces per bag

RLB0912 Series Electrical Characteristics

BOURNS Part No.	Inductance (μH)	Q ref.	Test freq. (Hz)		SRF (MHz) min.	RDC (ohms) max.	IDC (A) max.
			L	Q			
RLB0912-1R5M_	1.5 ± 20 %	30	1 k	7.960 M	78.0	0.008	5.4
RLB0912-2R2M_	2.2 ± 20 %	30	1 k	7.960 M	63.0	0.010	4.5
RLB0912-3R3M_	3.3 ± 20 %	30	1 k	7.960 M	50.0	0.018	3.6
RLB0912-4R7M_	4.7 ± 20 %	30	1 k	7.960 M	41.0	0.022	3.1
RLB0912-6R8M_	6.8 ± 20 %	30	1 k	7.960 M	33.0	0.028	2.5
RLB0912-100K_	10.0 ± 10 %	60	1 k	2.520 M	27.0	0.043	2.1
RLB0912-150K_	15.0 ± 10 %	50	1 k	2.520 M	21.0	0.056	1.7
RLB0912-220K_	22.0 ± 10 %	50	1 k	2.520 M	17.0	0.086	1.4
RLB0912-330K_	33.0 ± 10 %	45	1 k	2.520 M	13.0	0.140	1.1
RLB0912-470K_	47.0 ± 10 %	40	1 k	2.520 M	11.0	0.170	0.96
RLB0912-680K_	68.0 ± 10 %	35	1 k	2.520 M	9.0	0.280	0.79
RLB0912-101K_	100.0 ± 10 %	55	1 k	0.796 M	7.2	0.330	0.66
RLB0912-151K_	150.0 ± 10 %	40	1 k	0.796 M	5.7	0.560	0.53
RLB0912-221K_	220.0 ± 10 %	30	1 k	0.796 M	4.5	0.720	0.44
RLB0912-331K_	330.0 ± 10 %	25	1 k	0.796 M	3.6	1.100	0.36
RLB0912-471K_	470.0 ± 10 %	25	1 k	0.796 M	2.9	1.700	0.30
RLB0912-681K_	680.0 ± 10 %	25	1 k	0.796 M	2.3	2.300	0.25
RLB0912-102K_	1000.0 ± 10 %	55	1 k	0.252 M	1.9	4.300	0.20

Packaging: 300 pieces per bag; available in ammo-pak (use Model RLH0912) - 1000 pieces per box

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.

RLB Series Radial Inductors



RLB0914 Series Electrical Characteristics

BOURNS Part No.	Inductance (μ H)	Q ref.	Test freq. (MHz) L Q	SRF (MHz) min.	RDC (ohms) max.	IDC (A) max.
RLB0914-3R3M_	3.3 \pm 20 %	20	7.960	70.0	0.027	3.60
RLB0914-4R7M_	4.7 \pm 20 %	20	7.960	50.0	0.033	3.20
RLB0914-6R8M_	6.8 \pm 20 %	20	7.960	30.0	0.039	3.00
RLB0914-100K_	10.0 \pm 10 %	50	2.520	20.0	0.048	2.70
RLB0914-120K_	12.0 \pm 10 %	50	2.520	15.0	0.055	2.50
RLB0914-150K_	15.0 \pm 10 %	50	2.520	10.0	0.060	2.40
RLB0914-180K_	18.0 \pm 10 %	40	2.520	9.5	0.065	2.30
RLB0914-220K_	22.0 \pm 10 %	40	2.520	9.0	0.090	1.90
RLB0914-270K_	27.0 \pm 10 %	40	2.520	8.5	0.110	1.80
RLB0914-330K_	33.0 \pm 10 %	40	2.520	8.0	0.120	1.70
RLB0914-390K_	39.0 \pm 10 %	30	2.520	7.0	0.130	1.60
RLB0914-470K_	47.0 \pm 10 %	30	2.520	6.0	0.140	1.50
RLB0914-560K_	56.0 \pm 10 %	30	2.520	5.0	0.200	1.30
RLB0914-680K_	68.0 \pm 10 %	30	2.520	4.5	0.210	1.20
RLB0914-820K_	82.0 \pm 10 %	30	2.520	4.0	0.230	1.10
RLB0914-101K_	100.0 \pm 10 %	30	0.796	3.5	0.280	1.00
RLB0914-121K_	120.0 \pm 10 %	30	0.796	3.0	0.320	0.90
RLB0914-151K_	150.0 \pm 10 %	30	0.796	2.8	0.370	0.80
RLB0914-181K_	180.0 \pm 10 %	30	0.796	2.6	0.540	0.75
RLB0914-221K_	220.0 \pm 10 %	20	0.796	2.4	0.600	0.70
RLB0914-271K_	270.0 \pm 10 %	20	0.796	2.2	0.680	0.65
RLB0914-331K_	330.0 \pm 10 %	20	0.796	2.0	0.760	0.60
RLB0914-391K_	390.0 \pm 10 %	20	0.796	1.9	0.850	0.55
RLB0914-471K_	470.0 \pm 10 %	20	0.796	1.8	1.300	0.50
RLB0914-561K_	560.0 \pm 10 %	20	0.796	1.7	1.400	0.45
RLB0914-681K_	680.0 \pm 10 %	20	0.796	1.6	1.600	0.40
RLB0914-821K_	820.0 \pm 10 %	20	0.796	1.5	1.800	0.35
RLB0914-102K_	1000.0 \pm 10 %	40	0.252	1.3	2.100	0.30

Packaging: 200 pieces per bag

RLB Series Radial Inductors



RLB1314 Series Electrical Characteristics

BOURNS Part No.	Inductance (μH)	Q Ref.	Test freq. (Hz)		SRF (MHz) Typ.	RDC (ohms) max.	IDC (A) max.	W Dia.	F
			L	Q					
RLB1314-3R3M_	3.3 ± 20 %	90	1 k	7.96 M	59.00	0.008	5.600	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-4R7M_	4.7 ± 20 %	100	1 k	7.96 M	45.00	0.009	4.700	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-6R8M_	6.8 ± 20 %	80	1 k	7.96 M	34.00	0.012	3.900	$\frac{0.7 \pm 0.05}{(.028 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-100M_	10.0 ± 20 %	140	1 k	2.52 M	26.00	0.015	3.200	$\frac{0.7 \pm 0.05}{(.028 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-150M_	15.0 ± 20 %	120	1 k	2.52 M	19.00	0.019	2.600	$\frac{0.7 \pm 0.05}{(.028 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-220K_	22.0 ± 10 %	110	1 k	2.52 M	14.00	0.026	2.200	$\frac{0.7 \pm 0.05}{(.028 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-330K_	33.0 ± 10 %	100	1 k	2.52 M	10.00	0.045	1.800	$\frac{0.6 \pm 0.05}{(.024 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-470K_	47.0 ± 10 %	90	1 k	2.52 M	8.30	0.056	1.500	$\frac{0.6 \pm 0.05}{(.024 \pm .002)}$	$\frac{9.0 \pm 1.0}{(.354 \pm .04)}$
RLB1314-680K_	68.0 ± 10 %	80	1 k	2.52 M	6.70	0.092	1.200	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-101K_	100.0 ± 10 %	70	1 k	796 K	5.40	0.120	1.000	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-151K_	150.0 ± 10 %	70	1 k	796 K	4.30	0.200	0.820	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-221K_	220.0 ± 10 %	40	1 k	796 K	3.40	0.250	0.680	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-331K_	330.0 ± 10 %	40	1 k	796 K	2.70	0.420	0.550	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-471K_	470.0 ± 10 %	30	1 k	796 K	2.30	0.510	0.460	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-681K_	680.0 ± 10 %	30	1 k	796 K	1.90	0.790	0.380	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-102K_	1000.0 ± 10 %	40	1 k	252 K	1.60	1.300	0.310	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-152K_	1500.0 ± 10 %	30	1 k	252 K	1.30	1.700	0.250	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-222K_	2200.0 ± 10 %	60	1 k	252 K	1.10	2.900	0.210	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-332K_	3300.0 ± 10 %	50	1 k	252 K	0.90	3.700	0.170	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-472K_	4700.0 ± 10 %	50	1 k	252 K	0.76	5.600	0.140	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-682K_	6800.0 ± 10 %	60	1 k	252 K	0.65	9.400	0.120	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-103K_	10000.0 ± 10 %	80	1 k	79.6 K	0.53	12.000	0.100	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$
RLB1314-153K_	15000.0 ± 10 %	70	1 k	79.6 K	0.41	15.000	0.082	$\frac{0.8 \pm 0.05}{(.032 \pm .002)}$	$\frac{7.0 \pm 0.8}{(.276 \pm .032)}$

DIMENSIONS ARE: $\frac{\text{MM}}{\text{(INCHES)}}$

Packaging: RLB1314 (3R3M to 470K) = 150 pieces per bag; RLB1314 (680K to 153K) = 130 pieces per bag.

REV. 11/04

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.