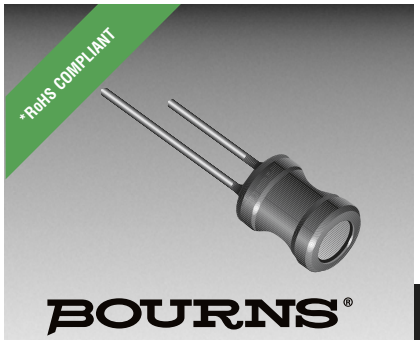
THE DATASHEET OF

RLB1314-6R8ML



Features

- Four types available
- High rated current for high current circuits
- Available in E12 series
- RoHS compliant*

Applications

- Power supplies
- DC/DC converters
- General use

RLB Series Radial Lead Inductors

General Specifications

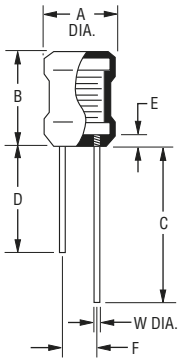
Operating Temperature.....-40 °C to +125 °C
Storage Temperature.....-40 °C to +125 °C
Moisture Sensitivity Level.....1
ESD Classification (HBM).....N/A

Materials

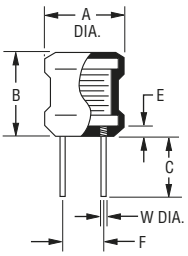
Core Material.....Ferrite DR core
Wire.....Enameled copper wire
Terminal.....Cu/Sn
Tube.....Shrinkable tube 125 °C, 600 V

Product Dimensions

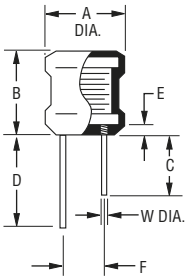
RLB0608, RLB0812, RLB1014, RLB0712, RLB0914 Series



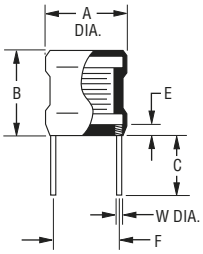
RLB0912 Series



RLB1314-680K *through* **RLB1314-153K**



RLB1314-3R3M *through* **RLB1314-470K**



Series	A	B	C	D	E	F	W (DIA.)	Inductance Range
RLB0608	5.0 ± 0.5 (.197 ± .020)	6.5 +1.0/ 0.5 (.256 +.039/.020)	28.0 ± 5.0 (1.102 ± .197)	20.0 ± 5.0 (.787 ± .197)	2.5 + 0 (.098 + 0)	2.0 ± 0.5 (.079 ± .020)	0.50 (.020)	1.0 µH - 2200 µH
RLB0812	6.7 ± 0.5 (.264 ± .020)	10.0 ± 1.0 (.394 ± .039)	25.0 ± 5.0 (.984 ± .197)	18.0 ± 5.0 (.709 ± .197)	2.5 + 0 (.098 + 0)	3.0 ± 0.5 (.118 ± .020)	0.65 (.026)	47 µH - 47 mH
RLB1014	8.7 ± 0.5 (.343 ± .020)	12.0 ± 1.0 (.472 ± .039)	25.0 ± 5.0 (.984 ± .197)	18.0 ± 5.0 (.709 ± .197)	2.5 + 0 (.098 + 0)	5.0 ± 0.8 (.197 ± .031)	0.65 (.026)	100 µH - 82 mH
RLB0712	6.7 ± 0.5 (.264 ± .020)	10.0 ± 1.0 (.394 ± .039)	25.0 ± 5.0 (.984 ± .197)	18.0 ± 5.0 (.709 ± .197)	2.5 + 0 (.098 + 0)	3.0 ± 0.5 (.118 ± .020)	0.65 (.026)	10 µH - 560 µH
RLB0912	8.7 ± 0.5 (.343 ± .020)	10.0 ± 1.0 (.394 ± .039)	5.0 ± 1.0 (.197 ± .039)	–	2.5 + 0 (.098 + 0)	5.0 ± 0.8 (.197 ± .031)	0.65 (.026)	1.5 µH - 1000 µH
RLB0914	8.7 ± 0.5 (.343 ± .020)	12.0 ± 1.0 (.472 ± .039)	25.0 ± 5.0 (.984 ± .197)	18.0 ± 5.0 (.709 ± .197)	2.5 + 0 (.098 + 0)	5.0 ± 0.8 (.197 ± .031)	0.65 (.026)	3.3 µH - 1000 µH
RLB1314	11.7 ± 0.8 (.461 ± .031)	12.0 ± 1.0 (.472 ± .039)	15.0 ± 3.0 (.591 ± .118)	–	2.5 + 0 (.098 + 0)	9.0 ± 1.0 (.354 ± .039)	Per Specs. (Page 7)	3.3 µH - 47 µH
	11.7 ± 0.8 (.461 ± .031)	12.0 ± 1.0 (.472 ± .039)	15.0 ± 3.0 (.591 ± .118)	18.0 ± 3.0 (.709 ± .128)	2.5 + 0 (.098 + 0)	7.0 ± 0.8 (.276 ± .031)	0.80 (.031)	68 µH - 15 mH

DIMENSIONS: MM (INCHES)

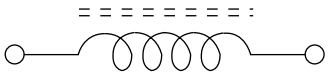
WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

RLB Series Radial Lead Inductors

BOURNS®

Electrical Schematic



Typical Part Marking

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

• Indicates start of winding

Electrical Characteristics - RLB0608 Series

NOTE: Temperature rise..... 20 °C max. at rated current

Bourns Part Number	Inductance (μH)	Q Ref.	Test Freq. (MHz) L, Q	SRF (MHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
RLB0608-1R0ML	1.0 ± 20 %	60	7.96	105.0	0.10	1030
RLB0608-1R2ML	1.2 ± 20 %	60	7.96	90.0	0.15	980
RLB0608-1R5ML	1.5 ± 20 %	60	7.96	75.0	0.20	920
RLB0608-1R8ML	1.8 ± 20 %	60	7.96	70.0	0.22	880
RLB0608-2R2ML	2.2 ± 20 %	60	7.96	65.0	0.24	830
RLB0608-2R7ML	2.7 ± 20 %	60	7.96	60.0	0.27	790
RLB0608-3R3ML	3.3 ± 20 %	60	7.96	50.0	0.30	750
RLB0608-3R9ML	3.9 ± 20 %	60	7.96	45.0	0.30	720
RLB0608-4R7ML	4.7 ± 20 %	60	7.96	40.0	0.35	670
RLB0608-5R6KL	5.6 ± 10 %	60	7.96	35.0	0.35	640
RLB0608-6R8KL	6.8 ± 10 %	60	7.96	30.0	0.40	620
RLB0608-8R2KL	8.2 ± 10 %	60	7.96	25.0	0.40	590
RLB0608-100KL	10.0 ± 10 %	60	2.52	20.0	0.45	550
RLB0608-120KL	12.0 ± 10 %	60	2.52	15.0	0.50	530
RLB0608-150KL	15.0 ± 10 %	60	2.52	13.0	0.55	500
RLB0608-180KL	18.0 ± 10 %	60	2.52	11.0	0.60	480
RLB0608-220KL	22.0 ± 10 %	60	2.52	10.0	0.65	460
RLB0608-270KL	27.0 ± 10 %	50	2.52	9.0	0.75	430
RLB0608-330KL	33.0 ± 10 %	50	2.52	8.0	0.85	410
RLB0608-390KL	39.0 ± 10 %	50	2.52	7.5	0.90	390
RLB0608-470KL	47.0 ± 10 %	50	2.52	7.0	1.00	370
RLB0608-560KL	56.0 ± 10 %	50	2.52	6.5	1.20	350
RLB0608-680KL	68.0 ± 10 %	50	2.52	6.0	1.30	340
RLB0608-820KL	82.0 ± 10 %	50	2.52	5.5	1.50	320
RLB0608-101KL	100.0 ± 10 %	50	0.796	5.0	1.70	305
RLB0608-121KL	120.0 ± 10 %	50	0.796	4.8	1.90	290
RLB0608-151KL	150.0 ± 10 %	50	0.796	4.4	2.10	275
RLB0608-181KL	180.0 ± 10 %	50	0.796	4.2	2.30	235
RLB0608-221KL	220.0 ± 10 %	45	0.796	3.8	2.50	200
RLB0608-271KL	270.0 ± 10 %	45	0.796	3.6	2.75	180
RLB0608-331KL	330.0 ± 10 %	45	0.796	3.3	4.68	165
RLB0608-391KL	390.0 ± 10 %	45	0.796	3.0	6.00	150
RLB0608-471KL	470.0 ± 10 %	55	0.796	2.8	6.50	140
RLB0608-561KL	560.0 ± 10 %	55	0.796	2.4	8.50	135
RLB0608-681KL	680.0 ± 10 %	55	0.796	2.2	9.00	125
RLB0608-821KL	820.0 ± 10 %	55	0.796	2.0	9.60	120
RLB0608-102KL	1000.0 ± 10 %	55	0.252	1.8	11.50	100
RLB0608-152KL	1500.0 ± 10 %	50	0.252	1.4	15.00	100
RLB0608-222KL	2200.0 ± 10 %	50	0.252	1.0	20.00	85

Packaging: 800 pieces per bag.

Electrical Characteristics - RLB0812 Series

NOTE: Temperature rise..... 20 °C max. at rated current

Bourns Part Number	Inductance (μH)	Q Ref.	Test Freq. (MHz) L, Q	SRF (MHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
RLB0812-470KL	47 ± 10 %	30	2.52	6.00	0.40	450
RLB0812-560KL	56 ± 10 %	30	2.52	5.50	0.45	400
RLB0812-680KL	68 ± 10 %	30	2.52	5.00	0.50	360
RLB0812-820KL	82 ± 10 %	30	2.52	4.50	0.50	340
RLB0812-101KL	100 ± 10 %	45	0.796	4.20	0.60	320
RLB0812-121KL	120 ± 10 %	45	0.796	3.60	0.70	300
RLB0812-151KL	150 ± 10 %	45	0.796	3.40	0.90	280
RLB0812-181KL	180 ± 10 %	45	0.796	3.20	1.00	260
RLB0812-221KL	220 ± 10 %	45	0.796	3.00	1.20	240
RLB0812-271KL	270 ± 10 %	45	0.796	2.80	1.40	220
RLB0812-331KL	330 ± 10 %	45	0.796	2.50	1.60	200
RLB0812-391KL	390 ± 10 %	45	0.796	2.30	1.80	180
RLB0812-471KL	470 ± 10 %	45	0.796	2.20	2.00	160
RLB0812-561KL	560 ± 10 %	45	0.796	2.00	2.50	150
RLB0812-681KL	680 ± 10 %	45	0.796	1.70	2.90	140
RLB0812-821KL	820 ± 10 %	45	0.796	1.50	3.10	130
RLB0812-102KL	1000 ± 10 %	45	0.252	1.40	3.90	120
RLB0812-122KL	1200 ± 10 %	60	0.252	1.10	4.40	110
RLB0812-152KL	1500 ± 10 %	60	0.252	0.90	6.00	100
RLB0812-182KL	1800 ± 10 %	60	0.252	0.80	7.00	90
RLB0812-222KL	2200 ± 10 %	60	0.252	0.75	8.00	80
RLB0812-272KL	2700 ± 10 %	60	0.252	0.70	9.00	70
RLB0812-332KL	3300 ± 10 %	60	0.252	0.60	12.00	60
RLB0812-392KL	3900 ± 10 %	60	0.252	0.55	14.00	55
RLB0812-472KL	4700 ± 10 %	60	0.252	0.50	16.00	50
RLB0812-562KL	5600 ± 10 %	60	0.252	0.48	18.00	45
RLB0812-682KL	6800 ± 10 %	60	0.252	0.44	24.00	40
RLB0812-822KL	8200 ± 10 %	60	0.252	0.40	30.00	36
RLB0812-103KL	10000 ± 10 %	60	0.0796	0.36	39.00	34
RLB0812-123KL	12000 ± 10 %	60	0.0796	0.32	46.00	32
RLB0812-153KL	15000 ± 10 %	60	0.0796	0.30	54.00	30
RLB0812-183KL	18000 ± 10 %	60	0.0796	0.28	76.00	27
RLB0812-223KL	22000 ± 10 %	60	0.0796	0.24	92.00	25
RLB0812-273KL	27000 ± 10 %	60	0.0796	0.20	102.00	22
RLB0812-333KL	33000 ± 10 %	60	0.0796	0.16	140.00	20
RLB0812-393KL	39000 ± 10 %	60	0.0796	0.13	150.00	18
RLB0812-473KL	47000 ± 10 %	60	0.0796	0.10	162.00	16

Packaging: 400 pieces per bag.

Electrical Characteristics - RLB1014 Series

NOTE: Temperature rise..... 40 °C typ. at rated Irms
Inductance drop..... 10 % typ at Isat

Bourns Part Number	Inductance (μH)	Q Ref.	Test Freq. (MHz) L, Q	SRF (MHz) Min.	RDC (Ω) Max.	Irms (A) Typ.	Isat (A) Typ.
RLB1014-101KL	100 ± 10 %	45	796.0	3.20	0.85	0.78	2
RLB1014-121KL	120 ± 10 %	45	796.0	3.00	0.95	0.74	1.93
RLB1014-151KL	150 ± 10 %	45	796.0	2.80	1.05	0.68	1.8
RLB1014-181KL	180 ± 10 %	45	796.0	2.50	1.15	0.65	1.55
RLB1014-221KL	220 ± 10 %	40	796.0	2.10	1.30	0.62	1.45
RLB1014-271KL	270 ± 10 %	40	796.0	2.00	1.50	0.6	1.33
RLB1014-331KL	330 ± 10 %	40	796.0	1.95	1.70	0.55	1.18
RLB1014-391KL	390 ± 10 %	40	796.0	1.85	1.85	0.5	1.1
RLB1014-471KL	470 ± 10 %	35	796.0	1.55	2.30	0.45	1
RLB1014-561KL	560 ± 10 %	35	796.0	1.30	2.55	0.43	0.95
RLB1014-681KL	680 ± 10 %	35	796.0	1.15	2.85	0.42	0.85
RLB1014-821KL	820 ± 10 %	35	796.0	1.00	3.10	0.4	0.8
RLB1014-102KL	1000 ± 10 %	50	252.0	0.90	4.10	0.36	0.6
RLB1014-122KL	1200 ± 10 %	50	252.0	0.80	4.70	0.34	0.36
RLB1014-152KL	1500 ± 10 %	50	252.0	0.70	5.80	0.3	0.32
RLB1014-182KL	1800 ± 10 %	50	252.0	0.60	7.40	0.28	0.3
RLB1014-222KL	2200 ± 10 %	50	252.0	0.55	8.40	0.26	0.27
RLB1014-272KL	2700 ± 10 %	50	252.0	0.50	9.60	0.24	0.25
RLB1014-332KL	3300 ± 10 %	50	252.0	0.45	10.50	0.22	0.23
RLB1014-392KL	3900 ± 10 %	50	252.0	0.40	12.00	0.21	0.21
RLB1014-472KL	4700 ± 10 %	45	252.0	0.38	14.00	0.19	0.195
RLB1014-562KL	5600 ± 10 %	45	252.0	0.36	16.00	0.17	0.18
RLB1014-682KL	6800 ± 10 %	40	252.0	0.34	18.00	0.16	0.165
RLB1014-822KL	8200 ± 10 %	40	252.0	0.32	24.50	0.15	0.155
RLB1014-103KL	10000 ± 10 %	50	79.6	0.30	32.00	0.135	0.145
RLB1014-123KL	12000 ± 10 %	50	79.6	0.28	36.00	0.125	0.13
RLB1014-153KL	15000 ± 10 %	50	79.6	0.26	48.00	0.1	0.11
RLB1014-183KL	18000 ± 10 %	45	79.6	0.24	52.00	0.096	0.1
RLB1014-223KL	22000 ± 10 %	45	79.6	0.22	58.00	0.092	0.095
RLB1014-273KL	27000 ± 10 %	45	79.6	0.20	62.00	0.082	0.085
RLB1014-333KL	33000 ± 10 %	45	79.6	0.18	90.00	0.074	0.075
RLB1014-393KL	39000 ± 10 %	40	79.6	0.17	100.00	0.07	0.072
RLB1014-473KL	47000 ± 10 %	35	79.6	0.16	150.00	0.06	0.065
RLB1014-563KL	56000 ± 10 %	35	79.6	0.15	200.00	0.052	0.06
RLB1014-683KL	68000 ± 10 %	35	79.6	0.14	220.00	0.046	0.056
RLB1014-823KL	82000 ± 10 %	30	79.6	0.12	240.00	0.044	0.052
RLB1014-104KL	100000 ± 10 %	30	L: 1 kHz, Q: 79.6 kHz	0.10	300.00	0.04	0.04

Packaging: 150 pieces per bag.

Electrical Characteristics - RLB0712 Series

NOTE: Temperature rise..... 20 °C max. at rated current

Bourns Part Number	Inductance (μH)	Q Ref.	Test Freq. (Hz)		SRF (MHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
			L	Q			
RLB0712-100KL	10 ± 10 %	20	1 K	2.520 M	16.0	0.07	1100
RLB0712-120KL	12 ± 10 %	20	1 K	2.520 M	12.0	0.08	1000
RLB0712-150KL	15 ± 10 %	20	1 K	2.520 M	10.0	0.09	900
RLB0712-180KL	18 ± 10 %	20	1 K	2.520 M	10.0	0.10	750
RLB0712-220KL	22 ± 10 %	20	1 K	2.520 M	9.0	0.12	700
RLB0712-270KL	27 ± 10 %	20	1 K	2.520 M	8.0	0.13	650
RLB0712-330KL	33 ± 10 %	20	1 K	2.520 M	7.0	0.15	600
RLB0712-390KL	39 ± 10 %	20	1 K	2.520 M	6.0	0.16	550
RLB0712-470KL	47 ± 10 %	20	1 K	2.520 M	6.0	0.18	450
RLB0712-560KL	56 ± 10 %	20	1 K	2.520 M	5.0	0.21	400
RLB0712-680KL	68 ± 10 %	20	1 K	2.520 M	5.0	0.24	360
RLB0712-820KL	82 ± 10 %	20	1 K	2.520 M	5.0	0.35	340
RLB0712-101KL	100 ± 10 %	20	1 K	0.796 M	4.0	0.40	320
RLB0712-121KL	120 ± 10 %	20	1 K	0.796 M	4.0	0.45	300
RLB0712-151KL	150 ± 10 %	20	1 K	0.796 M	3.5	0.50	280
RLB0712-181KL	180 ± 10 %	20	1 K	0.796 M	3.0	0.75	260
RLB0712-221KL	220 ± 10 %	20	1 K	0.796 M	3.0	0.90	240
RLB0712-271KL	270 ± 10 %	20	1 K	0.796 M	2.5	1.00	220
RLB0712-331KL	330 ± 10 %	20	1 K	0.796 M	2.5	1.10	200
RLB0712-391KL	390 ± 10 %	20	1 K	0.796 M	2.0	1.20	180
RLB0712-471KL	470 ± 10 %	20	1 K	0.796 M	2.0	1.50	160

Packaging: 400 pieces per bag.

Electrical Characteristics - RLB0912 Series

NOTE: Temperature rise..... 40 °C typ. at rated Irms
Inductance drop..... 10 % typ at Isat

Bourns Part Number	Inductance (μH)	Q Ref.	Test Freq. (Hz)		SRF (MHz) Min.	RDC (Ω) Max.	Irms (A) Typ.	Isat (A) Typ.
			L	Q				
RLB0912-1R0ML	1.0 ±20 %	30	1 K	7.960 M	88.0	0.010	6	8.1
RLB0912-1R5ML	1.5 ±20 %	30	1 K	7.960 M	78.0	0.008	6	8
RLB0912-2R2ML	2.2 ±20 %	30	1 K	7.960 M	63.0	0.010	5.3	7.5
RLB0912-3R3ML	3.3 ±20 %	30	1 K	7.960 M	50.0	0.018	4.5	6.5
RLB0912-4R7ML	4.7 ±20 %	30	1 K	7.960 M	41.0	0.022	4	5
RLB0912-6R8ML	6.8 ±20 %	30	1 K	7.960 M	33.0	0.028	3.7	4.3
RLB0912-100KL	10.0 ±10 %	60	1 K	2.520 M	27.0	0.043	2.5	3.6
RLB0912-150KL	15.0 ±10 %	50	1 K	2.520 M	21.0	0.056	2.3	3
RLB0912-220KL	22.0 ±10 %	50	1 K	2.520 M	17.0	0.086	2.1	2.5
RLB0912-330KL	33.0 ±10 %	45	1 K	2.520 M	13.0	0.140	1.7	2
RLB0912-470KL	47.0 ±10 %	40	1 K	2.520 M	11.0	0.170	1.5	1.7
RLB0912-680KL	68.0 ±10 %	35	1 K	2.520 M	9.0	0.280	1.35	1.5
RLB0912-101KL	100.0 ±10 %	55	1 K	0.796 M	7.2	0.330	1	1.2
RLB0912-151KL	150.0 ±10 %	40	1 K	0.796 M	5.7	0.560	0.92	1
RLB0912-221KL	220.0 ±10 %	30	1 K	0.796 M	4.5	0.720	0.8	0.8
RLB0912-331KL	330.0 ±10 %	25	1 K	0.796 M	3.6	1.100	0.7	0.62
RLB0912-471KL	470.0 ±10 %	25	1 K	0.796 M	2.9	1.700	0.6	0.52
RLB0912-681KL	680.0 ±10 %	25	1 K	0.796 M	2.3	2.300	0.5	0.42
RLB0912-102KL	1000.0 ±10 %	55	1 K	0.252 M	1.9	4.300	0.4	0.35

Packaging: 200 pieces per bag.

Electrical Characteristics - RLB0914 Series

NOTE: Temperature rise..... 40 °C typ. at rated Irms
Inductance drop..... 10 % typ at Isat

Bourns Part Number	Inductance (μH)	Q Ref.	Test Freq. (MHz) L, Q	SRF (MHz) Min.	RDC (Ω) Max.	Irms (A) Typ.	Isat (A) Typ.
RLB0914-3R3ML	3.3 ± 20 %	20	7.960	70.0	0.027	3.6	11.3
RLB0914-4R7ML	4.7 ± 20 %	20	7.960	50.0	0.033	3.2	10
RLB0914-6R8ML	6.8 ± 20 %	20	7.960	30.0	0.039	3	8.5
RLB0914-100KL	10.0 ± 10 %	50	2.520	20.0	0.048	2.7	6.7
RLB0914-120KL	12.0 ± 10 %	50	2.520	15.0	0.055	2.5	6.2
RLB0914-150KL	15.0 ± 10 %	50	2.520	10.0	0.060	2.4	5.3
RLB0914-180KL	18.0 ± 10 %	40	2.520	9.5	0.065	2.3	5
RLB0914-220KL	22.0 ± 10 %	40	2.520	9.0	0.090	1.9	4.5
RLB0914-270KL	27.0 ± 10 %	40	2.520	8.5	0.110	1.8	4
RLB0914-330KL	33.0 ± 10 %	40	2.520	8.0	0.120	1.7	3.8
RLB0914-390KL	39.0 ± 10 %	30	2.520	7.0	0.130	1.6	3.4
RLB0914-470KL	47.0 ± 10 %	30	2.520	6.0	0.140	1.56	3.2
RLB0914-560KL	56.0 ± 10 %	30	2.520	5.0	0.200	1.5	3
RLB0914-680KL	68.0 ± 10 %	30	2.520	4.5	0.210	1.33	2.7
RLB0914-820KL	82.0 ± 10 %	30	2.520	4.0	0.230	1.28	2.5
RLB0914-101KL	100.0 ± 10 %	30	0.796	3.5	0.280	1.1	2.1
RLB0914-121KL	120.0 ± 10 %	30	0.796	3.0	0.320	1.05	1.9
RLB0914-151KL	150.0 ± 10 %	30	0.796	2.8	0.370	1	1.8
RLB0914-181KL	180.0 ± 10 %	30	0.796	2.6	0.540	0.87	1.63
RLB0914-221KL	220.0 ± 10 %	20	0.796	2.4	0.600	0.8	1.5
RLB0914-271KL	270.0 ± 10 %	20	0.796	2.2	0.680	0.77	1.4
RLB0914-331KL	330.0 ± 10 %	20	0.796	2.0	0.760	0.74	1.25
RLB0914-391KL	390.0 ± 10 %	20	0.796	1.9	0.850	0.7	1.15
RLB0914-471KL	470.0 ± 10 %	20	0.796	1.8	1.300	0.56	1
RLB0914-561KL	560.0 ± 10 %	20	0.796	1.7	1.400	0.52	0.95
RLB0914-681KL	680.0 ± 10 %	20	0.796	1.6	1.600	0.49	0.9
RLB0914-821KL	820.0 ± 10 %	20	0.796	1.5	1.800	0.46	0.83
RLB0914-102KL	1000.0 ± 10 %	40	0.252	1.3	2.100	0.42	0.65

Packaging: 200 pieces per bag

Electrical Characteristics - RLB1314 Series

NOTE: Temperature rise..... 20 °C max. at rated current

Bourns Part Number	Inductance (μH)	Q Ref.	Test Freq. (Hz)		SRF (MHz) Min.	RDC (Ω) Max.	IDC (A) Max.	Dimensions	
			L	Q				W Dia.	F
RLB1314-3R3ML	3.3 ± 20 %	90	1 K	7.96 M	59.00	0.008	5.600	0.8 ± 0.05 (.032 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314-4R7ML	4.7 ± 20 %	100	1 K	7.96 M	45.00	0.009	4.700	0.8 ± 0.05 (.032 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314-6R8ML	6.8 ± 20 %	80	1 K	7.96 M	34.00	0.012	3.900	0.7 ± 0.05 (.028 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314-100ML	10.0 ± 20 %	140	1 K	2.52 M	26.00	0.015	3.200	0.7 ± 0.05 (.028 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314-150ML	15.0 ± 20 %	120	1 K	2.52 M	19.00	0.019	2.600	0.7 ± 0.05 (.028 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314- 220KL	22.0 ± 10 %	110	1 K	2.52 M	14.00	0.026	2.200	0.7 ± 0.05 (.028 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314-330KL	33.0 ± 10 %	100	1 K	2.52 M	10.00	0.045	1.800	0.6 ± 0.05 (.024 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314-470KL	47.0 ± 10 %	90	1 K	2.52 M	8.30	0.056	1.500	0.6 ± 0.05 (.024 ± .002)	9.0 ± 1.0 (.354 ± .04)
RLB1314-680KL	68.0 ± 10 %	80	1 K	2.52 M	6.70	0.092	1.200	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-101KL	100.0 ± 10 %	70	1 K	796 K	5.40	0.120	1.000	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-151KL	150.0 ± 10 %	70	1 K	796 K	4.30	0.200	0.820	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-221KL	220.0 ± 10 %	40	1 K	796 K	3.40	0.250	0.680	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-331KL	330.0 ± 10 %	40	1 K	796 K	2.70	0.420	0.550	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-471KL	470.0 ± 10 %	30	1 K	796 K	2.30	0.510	0.460	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-681KL	680.0 ± 10 %	30	1 K	796 K	1.90	0.790	0.380	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-102KL	1000.0 ± 10 %	40	1 K	252 K	1.60	1.300	0.310	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-152KL	1500.0 ± 10 %	30	1 K	252 K	1.30	1.700	0.250	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-222KL	2200.0 ± 10 %	60	1 K	252 K	1.10	2.900	0.210	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-332KL	3300.0 ± 10 %	50	1 K	252 K	0.90	3.700	0.170	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-472KL	4700.0 ± 10 %	50	1 K	252 K	0.76	5.600	0.140	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-682KL	6800.0 ± 10 %	60	1 K	252 K	0.65	9.400	0.120	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-103KL	10000.0 ± 10 %	80	1 K	79.6 K	0.53	12.000	0.100	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)
RLB1314-153KL	15000.0 ± 10 %	70	1 K	79.6 K	0.41	15.000	0.082	0.8 ± 0.05 (.032 ± .002)	7.0 ± 0.8 (.276 ± .032)

DIMENSIONS: MM / (INCHES)

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

REV. 11/17

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