

RLB9012 Radial Inductor

BOURNS®

Electrical Characteristics (Continued)

BOURNS Part No.	Inductance (μH) @ 1 kHz	Q ref.	Q Test freq. (MHz)	SRF (MHz) min.	RDC (ohms) max.	IDC (A) max.
			Q			
RLB9012-680KL	68.0 \pm 10 %	30	2.52	4.90	0.210	1.36
RLB9012-820KL	82.0 \pm 10 %	30	2.52	4.10	0.230	1.30
RLB9012-101KL	100.0 \pm 10 %	20	0.796	3.70	0.280	1.40
RLB9012-121KL	120.0 \pm 10 %	20	0.796	3.40	0.320	1.25
RLB9012-151KL	150.0 \pm 10 %	20	0.796	3.20	0.370	1.15
RLB9012-181KL	180.0 \pm 10 %	20	0.796	2.80	0.580	1.08
RLB9012-221KL	220.0 \pm 10 %	20	0.796	2.70	0.650	1.00
RLB9012-271KL	270.0 \pm 10 %	20	0.796	2.40	0.750	0.90
RLB9012-331KL	330.0 \pm 10 %	20	0.796	2.30	0.850	0.78
RLB9012-391KL	390.0 \pm 10 %	20	0.796	2.10	1.000	0.74
RLB9012-471KL	470.0 \pm 10 %	20	0.796	1.90	1.100	0.68
RLB9012-561KL	560.0 \pm 10 %	20	0.796	1.80	1.400	0.64
RLB9012-681KL	680.0 \pm 10 %	20	0.796	1.60	1.600	0.59
RLB9012-821KL	820.0 \pm 10 %	20	0.796	1.50	1.800	0.56
RLB9012-102KL	1000.0 \pm 10 %	20	0.252	1.30	2.900	0.51
RLB9012-122KL	1200.0 \pm 10 %	15	0.252	1.20	3.400	0.48
RLB9012-152KL	1500.0 \pm 10 %	15	0.252	1.10	3.800	0.43
RLB9012-182KL	1800.0 \pm 10 %	15	0.252	1.00	5.300	0.39
RLB9012-222KL	2200.0 \pm 10 %	15	0.252	0.80	5.900	0.36
RLB9012-272KL	2700.0 \pm 10 %	15	0.252	0.70	8.200	0.32
RLB9012-332KL	3300.0 \pm 10 %	15	0.252	0.60	9.100	0.29
RLB9012-392KL	3900.0 \pm 10 %	15	0.252	0.55	9.900	0.27
RLB9012-472KL	4700.0 \pm 10 %	15	0.252	0.50	13.60	0.24
RLB9012-562KL	5600.0 \pm 10 %	15	0.252	0.45	14.90	0.22
RLB9012-682KL	6800.0 \pm 10 %	15	0.252	0.40	20.70	0.20
RLB9012-822KL	8200.0 \pm 10 %	15	0.252	0.35	22.70	0.18
RLB9012-103KL	10,000 \pm 10 %	15	0.079	0.32	25.10	0.17
RLB9012-123KL	12,000 \pm 10 %	15	0.079	0.28	34.70	0.15
RLB9012-153KL	15,000 \pm 10 %	15	0.079	0.25	48.90	0.14
RLB9012-183KL	18,000 \pm 10 %	15	0.079	0.23	53.60	0.12
RLB9012-223KL	22,000 \pm 10 %	15	0.079	0.21	59.30	0.11
RLB9012-273KL	27,000 \pm 10 %	15	0.079	0.19	82.70	0.10
RLB9012-333KL	33,000 \pm 10 %	15	0.079	0.17	91.50	0.09
RLB9012-393KL	39,000 \pm 10 %	15	0.079	0.15	125.50	0.08
RLB9012-473KL	47,000 \pm 10 %	15	0.079	0.12	137.80	0.08

Packaging: 200 pieces per tray

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Users should verify actual device performance in their specific applications.

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