

Radial Lead RF Chokes

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss
- High reliability, high efficiency
- Fixed lead spacing
- Winding covered with shrink tubing
- Operating temperature -55 to +105 °C

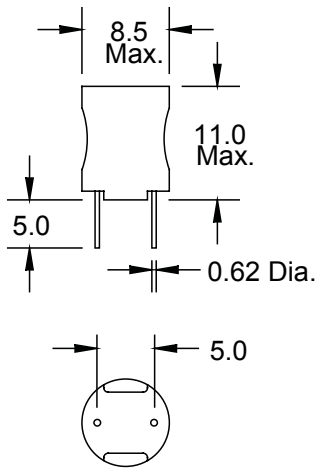
Typical Applications

- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Note

* Rated current to cause 10 % max. inductance drop

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.



Dimensions: mm

RL622							
Part Number	L (μH) ±10 %	Q (Min.)	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
RL622-1R0K-RC	1.0	20	7.96	150	0.013	10	
RL622-1R5K-RC	1.5	20	7.96	130	0.016	8.5	
RL622-2R2K-RC	2.2	20	7.96	100	0.021	6.5	
RL622-3R3K-RC	3.3	20	7.96	79	0.025	5.5	
RL622-4R7K-RC	4.7	20	7.96	51	0.030	4.3	
RL622-6R8K-RC	6.8	20	7.96	29	0.035	3.7	
RL622-100K-RC	10	50	2.52	14	0.045	3.0	
RL622-120K-RC	12	50	2.52	13	0.050	2.7	
RL622-150K-RC	15	40	2.52	12	0.056	2.3	
RL622-180K-RC	18	40	2.52	11	0.061	2.2	
RL622-220K-RC	22	40	2.52	9.2	0.070	2.0	
RL622-270K-RC	27	30	2.52	8.5	0.080	1.7	
RL622-330K-RC	33	30	2.52	7.8	0.090	1.6	
RL622-390K-RC	39	30	2.52	6.9	0.10	1.5	
RL622-470K-RC	47	30	2.52	6.5	0.16	1.4	
RL622-560K-RC	58	30	2.52	5.4	0.18	1.3	
RL622-680K-RC	68	30	2.52	4.9	0.21	1.2	
RL622-820K-RC	82	30	2.52	4.1	0.23	1.1	
RL622-101K-RC	100	20	0.796	3.7	0.28	0.91	
RL622-121K-RC	120	20	0.796	3.4	0.32	0.84	
RL622-151K-RC	150	20	0.796	3.2	0.37	0.75	
RL622-181K-RC	180	20	0.796	2.8	0.58	0.69	
RL622-221K-RC	220	20	0.796	2.7	0.65	0.64	
RL622-271K-RC	270	20	0.796	2.4	0.75	0.57	
RL622-331K-RC	330	20	0.796	2.3	0.85	0.54	
RL622-391K-RC	390	20	0.796	2.1	1.0	0.48	
RL622-471K-RC	470	20	0.796	1.9	1.1	0.46	
RL622-561K-RC	560	20	0.796	1.8	1.4	0.41	
RL622-681K-RC	680	20	0.796	1.6	1.6	0.38	
RL622-821K-RC	820	20	0.796	1.5	1.8	0.35	
RL622-102K-RC	1000	50	0.252	1.3	2.9	0.29	
RL622-122K-RC	1200	50	0.252	1.1	4.0	0.13	
RL622-152K-RC	1500	20	0.252	1.0	6.1	0.08	
RL622-182K-RC	1800	20	0.252	1.0	6.4	0.08	
RL622-222K-RC	2200	20	0.252	0.9	6.8	0.08	
RL622-272K-RC	2700	20	0.252	0.9	7.7	0.08	
RL622-332K-RC	3300	20	0.252	0.7	9.0	0.08	
RL622-392K-RC	3900	20	0.252	0.6	14.0	0.08	
RL622-472K-RC	4700	20	0.252	0.5	16.0	0.05	
RL622-562K-RC	5600	20	0.252	0.4	18.0	0.05	
RL622-682K-RC	6800	20	0.252	0.4	19.0	0.05	
RL622-822K-RC	8200	20	0.252	0.3	21.0	0.05	
RL622-103K-RC	10,000	40	0.079	0.3	25.0	0.05	
RL622-123K-RC	12,000	40	0.079	0.3	33.0	0.04	
RL622-153K-RC	15,000	40	0.079	0.2	37.0	0.04	
RL622-183K-RC	18,000	30	0.079	0.2	40.0	0.04	
RL622-223K-RC	22,000	30	0.079	0.1	56.0	0.03	
RL622-273K-RC	27,000	30	0.079	0.1	62.0	0.03	
RL622-333K-RC	33,000	30	0.079	0.1	70.0	0.03	
RL622-393K-RC	39,000	30	0.079	0.1	80.0	0.03	
RL622-473K-RC	47,000	20	0.079	0.1	99.0	0.03	
RL622-563K-RC	56,000	20	0.079	0.1	135.0	0.02	
RL622-683K-RC	68,000	20	0.079	0.1	150.0	0.02	
RL622-823K-RC	82,000	20	0.079	0.1	212.0	0.02	
RL622-104K-RC	100,000	20	0.025	0.1	235.0	0.02	

RLB1014

“-RC” suffix indicates RoHS compliance.