

# 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

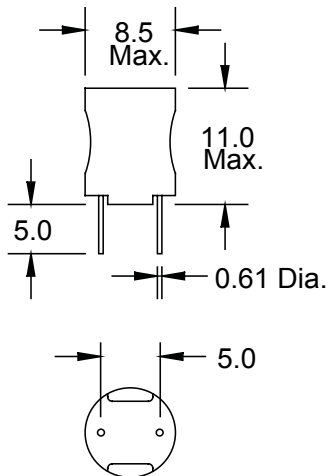
## Notes

\* Rated current to cause 10 % max. inductance drop

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

RL822 Series				
Part Number	L (µH) ±10 % @1 KHz	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (A)
RL822-1R0K-RC	1.0	150	0.013	3.71
RL822-1R5K-RC	1.5	130	0.016	3.32
RL822-2R2K-RC	2.2	100	0.021	3.15
RL822-3R3K-RC	3.3	79	0.025	2.66
RL822-4R7K-RC	4.7	51	0.030	2.27
RL822-6R8K-RC	6.8	29	0.035	2.10
RL822-100K-RC	10	14	0.045	1.96
RL822-120K-RC	12	13	0.050	1.82
RL822-150K-RC	15	12	0.058	1.75
RL822-180K-RC	18	11	0.061	1.54
RL822-220K-RC	22	9.2	0.070	1.29
RL822-270K-RC	27	8.5	0.080	1.22
RL822-330K-RC	33	7.8	0.090	1.17
RL822-390K-RC	39	6.9	0.10	1.14
RL822-470K-RC	47	6.5	0.17	0.79
RL822-560K-RC	56	5.4	0.20	0.76
RL822-680K-RC	68	4.9	0.22	0.70
RL822-820K-RC	82	4.1	0.25	0.67
RL822-101K-RC	100	3.7	0.28	0.58
RL822-121K-RC	120	3.4	0.32	0.56
RL822-151K-RC	150	3.2	0.54	0.42
RL822-181K-RC	180	2.8	0.60	0.40
RL822-221K-RC	220	2.7	0.68	0.38
RL822-271K-RC	270	2.4	0.80	0.35
RL822-331K-RC	330	2.3	0.90	0.33
RL822-391K-RC	390	2.1	1.20	0.28
RL822-471K-RC	470	1.9	1.37	0.25
RL822-561K-RC	560	1.8	1.53	0.23
RL822-681K-RC	680	1.6	2.00	0.21
RL822-821K-RC	820	1.5	2.70	0.18
RL822-102K-RC	1000	1.3	2.96	0.16

"-RC" suffix indicates RoHS compliance.



Dimensions: mm