

# Radial Lead RF Chokes

## Special Features

- High Q
- 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

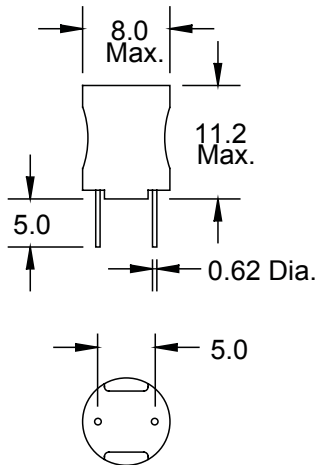
## Notes

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

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

RL187 Series							
Part Number	L (µH) ±5 %	Q (Min.)	Test	SRF	DCR	I, DC* (mA)	Bourns Equivalent
			Freq. (KHz)	(MHz) Min.	(Ω) Max.		
RL187-101J-RC	100	80	796	5.3	2.0	200	
RL187-121J-RC	120	80	796	4.5	2.0	200	
RL187-151J-RC	150	80	796	3.8	2.0	200	
RL187-181J-RC	180	80	796	3.3	3.0	200	
RL187-221J-RC	220	80	796	2.9	3.0	200	
RL187-271J-RC	270	80	796	2.6	3.0	200	
RL187-331J-RC	330	80	796	2.3	4.0	200	
RL187-391J-RC	390	80	796	2.1	4.0	200	
RL187-471J-RC	470	80	796	1.9	4.0	200	
RL187-561J-RC	560	80	796	1.7	4.0	200	
RL187-681J-RC	680	80	796	1.6	4.0	200	
RL187-821J-RC	820	80	796	1.4	6.0	200	
RL187-102J-RC	1000	90	252	1.3	6.0	150	
RL187-122J-RC	1200	90	252	1.2	9.0	150	
RL187-152J-RC	1500	90	252	1.1	9.0	150	
RL187-182J-RC	1800	90	252	1.0	9.0	100	RLB1014
RL187-222J-RC	2200	90	252	0.9	13	100	
RL187-272J-RC	2700	90	252	0.8	13	100	
RL187-332J-RC	3300	90	252	0.7	13	100	
RL187-392J-RC	3900	90	252	0.6	13	50	
RL187-472J-RC	4700	90	252	0.6	18	50	
RL187-562J-RC	5600	90	252	0.5	18	50	
RL187-682J-RC	6800	90	252	0.5	26	50	
RL187-822J-RC	8200	90	252	0.4	26	50	
RL187-103J-RC	10000	100	79.6	0.4	40	40	
RL187-123J-RC	12000	100	79.6	0.4	40	40	
RL187-153J-RC	15000	100	79.6	0.4	60	40	
RL187-183J-RC	18000	100	79.6	0.3	60	30	
RL187-223J-RC	22000	100	79.6	0.3	80	30	
RL187-273J-RC	27000	100	79.6	0.3	80	30	
RL187-333J-RC	33000	100	79.6	0.3	80	30	

"-RC" suffix indicates RoHS compliance.



Dimensions: mm