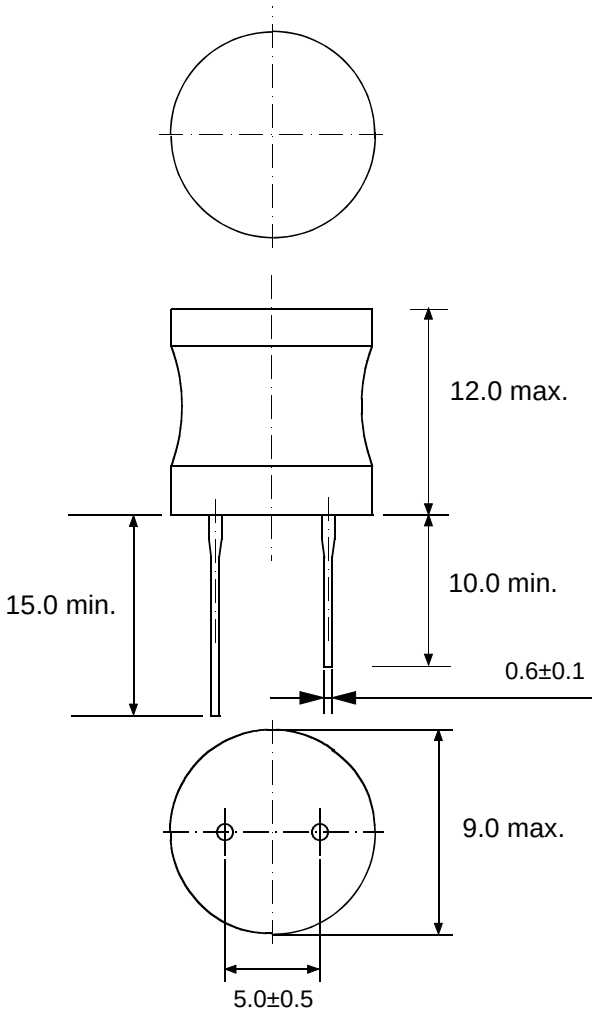
Radial Lead Chokes RL0912 series

Special Features

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



Dimension : mm

RL0912 Series

Part Number	L (uH) ±20%	Q Min.	Test Freq. L / Q	SRF (MHz)	DCR (Ω) Max.	Rated Current Idc1 (A)	Idc2 (A)
RL0912-2R2M	2.2	15	100K/7.96MHz	120	0.0095	7.0	6.8
RL0912-2R7M	2.7	15	100K/7.96MHz	100	0.0107	6.7	6.7
RL0912-3R3M	3.3	15	100K/7.96MHz	83	0.0122	5.8	6.0
RL0912-3R9M	3.9	15	100K/7.96MHz	65	0.014	5.4	5.7
RL0912-4R7M	4.7	15	100K/7.96MHz	50	0.0155	5.1	5.4
RL0912-5R6M	5.6	15	100K/7.96MHz	40	0.0172	4.7	5.0
RL0912-6R8M	6.8	15	100K/7.96MHz	30	0.0185	4.3	4.6
RL0912-8R2M	8.2	15	100K/7.96MHz	28	0.0235	4.0	4.0
	±10%						
RL0912-100K	10	65	1K/2.52MHz	20	0.027	3.6	3.8
RL0912-120K	12	60	1K/2.52MHz	18	0.0315	3.1	3.7
RL0912-150K	15	60	1K/2.52MHz	16	0.036	2.8	3.6
RL0912-180K	18	60	1K/2.52MHz	15	0.0405	2.6	3.2
RL0912-220K	22	50	1K/2.52MHz	14	0.045	2.5	3.1
RL0912-270K	27	50	1K/2.52MHz	12	0.061	2.2	2.6
RL0912-330K	33	45	1K/2.52MHz	11	0.07	2.0	2.4
RL0912-390K	39	45	1K/2.52MHz	10	0.0755	1.8	2.2
RL0912-470K	47	40	1K/2.52MHz	8.5	0.0865	1.7	2.1
RL0912-560K	56	40	1K/2.52MHz	8	0.12	1.5	1.9
RL0912-680K	68	35	1K/2.52MHz	7.1	0.13	1.4	1.8
RL0912-820K	82	35	1K/2.52MHz	6.2	0.15	1.2	1.6
RL0912-101K	100	35	1K/796KHz	5.8	0.18	1.1	1.5
RL0912-120K	120	25	1K/796KHz	5.2	0.2	1.0	1.4
RL0912-151K	150	25	1K/796KHz	4.8	0.26	0.96	1.2
RL0912-181K	180	23	1K/796KHz	4.5	0.3	0.88	1.1
RL0912-221K	220	23	1K/796KHz	3.8	0.41	0.78	1.0
RL0912-271K	270	23	1K/796KHz	3.5	0.46	0.72	0.87
RL0912-331K	330	15	1K/796KHz	3.3	0.53	0.66	0.82
RL0912-391K	390	15	1K/796KHz	3.2	0.63	0.62	0.75
RL0912-471K	470	15	1K/796KHz	2.8	0.71	0.56	0.7
RL0912-561K	560	15	1K/796KHz	2.6	0.88	0.5	0.63
RL0912-681K	680	15	1K/796KHz	2.2	1.1	0.46	0.58
RL0912-821K	820	15	1K/796KHz	2.0	1.2	0.42	0.5
RL0912-102K	1000	25	1K/252KHz	1.8	1.5	0.38	0.47
RL0912-122K	1200	33	1K/252KHz	1.7	1.9	0.34	0.41
RL0912-152K	1500	33	1K/252KHz	1.5	2.2	0.32	0.4
RL0912-182K	1800	33	1K/252KHz	1.4	2.7	0.28	0.35
RL0912-222K	2200	33	1K/252KHz	1.2	3.4	0.26	0.32

* Idc1: Current to cause maximum 10% of inductance drop

* Idc2: Current to cause 40°C temperature rise

* All specifications are subject to change without notice.