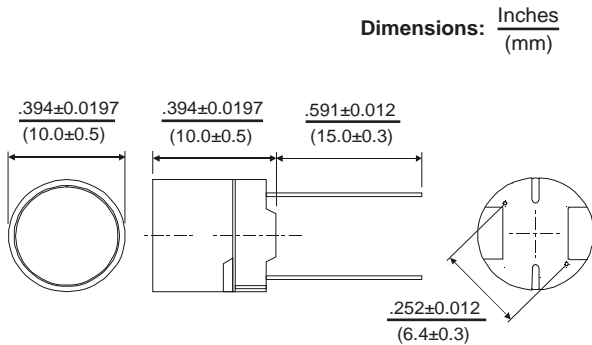




## Radial Shielded Inductor

RS1010



Allied Part Number	Inductance (μH)	Tolerance %	Test Frequency @ 0.1v	DCR mΩ MAX	Rated Current (A) Max
RS1010-100M-RC	10	20	2.52 MHz	.023	3.51
RS1010-120M-RC	12	20	2.52 MHz	.024	3.24
RS1010-150M-RC	15	20	2.52 MHz	.036	2.88
RS1010-180M-RC	18	20	2.52 MHz	.039	2.61
RS1010-220M-RC	22	20	2.52 MHz	.042	2.34
RS1010-270M-RC	27	20	2.52 MHz	.045	2.16
RS1010-330M-RC	33	20	2.52 MHz	.057	1.89
RS1010-390M-RC	39	20	2.52 MHz	.076	1.80
RS1010-470M-RC	47	20	2.52 MHz	.100	1.62
RS1010-560K-RC	56	10	2.52 MHz	.110	1.44
RS1010-680K-RC	68	10	2.52 MHz	.150	1.35
RS1010-820K-RC	82	10	2.52 MHz	.160	1.26
RS1010-101K-RC	100	10	1 KHz	.190	1.08
RS1010-121K-RC	120	10	1 KHz	.210	0.99
RS1010-151K-RC	150	10	1 KHz	.230	0.90
RS1010-181K-RC	180	10	1 KHz	.260	0.82
RS1010-221K-RC	220	10	1 KHz	.290	0.74
RS1010-271K-RC	271	10	1 KHz	.360	0.67
RS1010-331K-RC	330	10	1 KHz	.510	0.61
RS1010-391K-RC	390	10	1 KHz	.690	0.55
RS1010-471K-RC	470	10	1 KHz	.980	0.51
RS1010-561K-RC	560	10	1 KHz	1.10	0.46
RS1010-681K-RC	680	10	1 KHz	1.20	0.42
RS1010-821K-RC	820	10	1 KHz	1.30	0.38
RS1010-102K-RC	1000	10	1 KHz	1.50	0.35

All specifications subject to change without notice.

### Features

- Magnetically Shielded
- Integrated Standoff for insulated and stable mounting
- Cross to Renco RL-8054-3

### Electrical

**Inductance Range:** 10μh ~ 1000μh

**Tolerance:** 20% @ 10μh ~ 47μh

10% @ 56μh ~ 1000μh

**Test Frequency:** 2.52MHz / 1V @ 10μh-82μh

1KHz / 1V @ 100μh ~ 1000μh

**Operating Temp:** -40°C ~ +85°C

**Storage Temp:** -40°C ~ +125°C

**Rated Current:** The current at which the inductance will drop 10% from its initial value

### Test Equipment

**(L):** HP4284A / HP4285A

**DCR:** CH502BC

**Current:** VR126G/7220

### Physical

**Packaging:** 200 / Inner Box

**Marking:** EIA Inductance Code