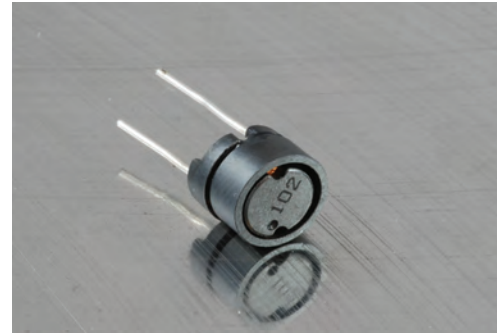
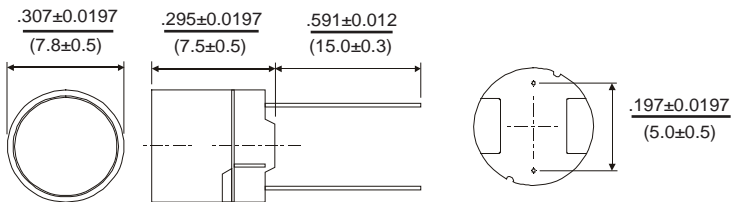




Radial Shielded Inductor

RS0807

Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (μH)	Tolerance %	Test Frequency @ 0.1v	DCR mΩ MAX	Rated Current (A) Max
RS0807-220L-RC	22	15	2.52 MHz	0.08	1.60
RS0807-270L-RC	27	15	2.52 MHz	0.10	1.40
RS0807-330L-RC	33	15	2.52 MHz	0.14	1.30
RS0807-390L-RC	39	15	2.52 MHz	0.15	1.20
RS0807-470L-RC	47	15	2.52 MHz	0.17	1.10
RS0807-560L-RC	56	15	2.52 MHz	0.19	0.99
RS0807-680K-RC	68	10	2.52 MHz	0.21	0.89
RS0807-820K-RC	82	10	2.52 MHz	0.27	0.81
RS0807-101K-RC	100	10	1 KHz	0.32	0.74
RS0807-121K-RC	120	10	1 KHz	0.36	0.67
RS0807-151K-RC	150	10	1 KHz	0.51	0.60
RS0807-181K-RC	180	10	1 KHz	0.57	0.55
RS0807-221K-RC	220	10	1 KHz	0.76	0.50
RS0807-271K-RC	270	10	1 KHz	0.86	0.45
RS0807-331K-RC	330	10	1 KHz	0.97	0.41
RS0807-391K-RC	390	10	1 KHz	1.28	0.37
RS0807-471K-RC	470	10	1 KHz	1.44	0.34
RS0807-561K-RC	560	10	1 KHz	1.61	0.31
RS0807-681K-RC	680	10	1 KHz	2.07	0.28
RS0807-821K-RC	820	10	1 KHz	2.33	0.26
RS0807-102K-RC	1000	10	1 KHz	2.72	0.23

All specifications subject to change without notice.

Features

- Magnetically Shielded
- Integrated Standoff for insulated and stable mounting
- Cross to Renco RL-8054-1-Series

Electrical

Inductance Range: 22μH ~ 1000μH

Tolerance: 15% @ 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: 350 / Inner Box

Marking: EIA Inductance Code