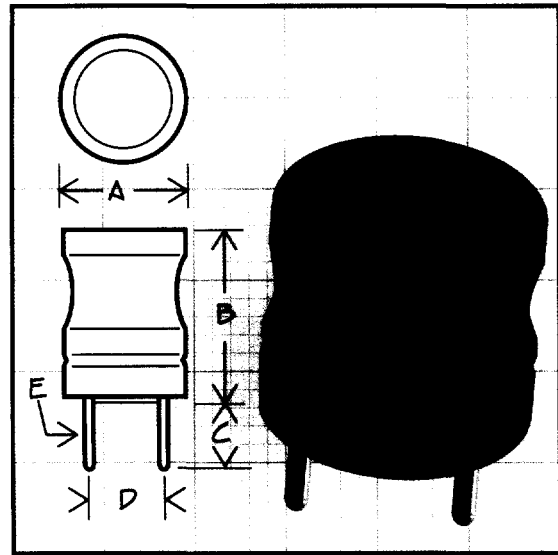


# Series 4554 & 4564

## Radial Lead Inductors



### Physical Parameters

#### Series 4554

	Inches	Millimeters
A	0.34 Max.	8.5 Max.
B	0.433 Max.	11 Max.
C	0.200 Nom.	5.0 Nom.
D	0.200 Nom.	5.0 Nom.
E	0.024 Nom.	0.62 Nom.

#### Series 4564

	Inches	Millimeters
A	0.315 Max.	8.0 Max.
B	0.440 Max.	11.2 Max.
C	0.200 Nom.	5.0 Nom.
D	0.200 Nom.	5.0 Nom.
E	0.028 Nom.	0.71 Nom.

**Operating Temperature Range** -20°C to +80°C

**Storage Temperature Range** -40°C to +80°C

**The Rated DC Current** The amperage where the inductance value decreases 10%.

**\* Note: Series 4554 Inductance Tolerance**

Available in J = 5% in values ≥ 100µH only

**Packaging** Ammo pack or bulk

PART NUMBER	INDUCTANCE	TOLERANCE (%)	Q MINIMUM	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (A)
<b>SERIES 4554</b>							
4554-1R0M	1.0 µH	±20%	20	7.96	150.0	0.013	10.0
4554-1R5M	1.5 µH	±20%	20	7.96	130.0	0.016	8.5
4554-2R2M	2.2 µH	±20%	20	7.96	100.0	0.021	6.5
4554-3R3M	3.3 µH	±20%	20	7.96	79.0	0.025	5.5
4554-4R7M	4.7 µH	±20%	20	7.96	51.0	0.030	4.3
4554-6R8M	6.8 µH	±20%	20	7.96	29.0	0.035	3.7
4554-100K	10 µH	±10%	50	2.52	14.0	0.045	3.0
4554-120K	12 µH	±10%	50	2.52	13.0	0.050	2.6
4554-150K	15 µH	±10%	50	2.52	12.0	0.056	2.3
4554-180K	18 µH	±10%	40	2.52	11.0	0.061	2.2
4554-220K	22 µH	±10%	40	2.52	9.2	0.070	2.0
4554-270K	27 µH	±10%	40	2.52	8.5	0.080	1.7
4554-330K	33 µH	±10%	30	2.52	7.8	0.090	1.6
4554-390K	39 µH	±10%	30	2.52	6.9	0.100	1.5
4554-470K	47 µH	±10%	30	2.52	6.5	0.160	1.4
4554-560K	56 µH	±10%	30	2.52	5.4	0.180	1.3
4554-680K	68 µH	±10%	30	2.52	4.9	0.210	1.2
4554-820K	82 µH	±10%	30	2.52	4.1	0.230	1.1
4554-101K	100 µH*	±10%	20	0.796	3.7	0.280	0.91
4554-121K	120 µH*	±10%	20	0.796	3.4	0.320	0.84
4554-151K	150 µH*	±10%	20	0.796	3.2	0.370	0.75
4554-181K	180 µH*	±10%	20	0.796	2.8	0.580	0.69
4554-221K	220 µH*	±10%	20	0.796	2.7	0.650	0.64
4554-271K	270 µH*	±10%	20	0.796	2.4	0.750	0.57
4554-331K	330 µH*	±10%	20	0.796	2.3	0.850	0.54
4554-391K	390 µH*	±10%	20	0.796	2.1	1.0	0.48
4554-471K	470 µH*	±10%	20	0.796	1.9	1.1	0.46
4554-561K	560 µH*	±10%	20	0.796	1.8	1.4	0.41
4554-681K	680 µH*	±10%	20	0.796	1.6	1.6	0.38
4554-821K	820 µH*	±10%	20	0.796	1.5	1.8	0.35
4554-102K	1000 µH*	±10%	50	0.252	1.3	2.9	0.29
<b>SERIES 4564</b>							
4564-101K	0.10 mH	±10%	80	0.796	5.3	2.0	0.20
4564-121K	0.12 mH	±10%	80	0.796	4.5	2.0	0.20
4564-151K	0.15 mH	±10%	80	0.796	3.8	2.0	0.20
4564-181K	0.18 mH	±10%	80	0.796	3.3	3.0	0.20
4564-221K	0.22 mH	±10%	80	0.796	2.9	3.0	0.20
4564-271K	0.27 mH	±10%	80	0.796	2.6	3.0	0.20
4564-331K	0.33 mH	±10%	80	0.796	2.3	4.0	0.20
4564-391K	0.39 mH	±10%	80	0.796	2.1	4.0	0.20
4564-471K	0.47 mH	±10%	80	0.796	1.9	4.0	0.20
4564-561K	0.56 mH	±10%	80	0.796	1.7	4.0	0.20
4564-681K	0.68 mH	±10%	80	0.796	1.6	4.0	0.20
4564-821K	0.82 mH	±10%	80	0.796	1.4	6.0	0.20
4564-102K	1.00 mH	±10%	90	0.252	1.3	6.0	0.15
4564-122K	1.20 mH	±10%	90	0.252	1.2	9.0	0.15
4564-152K	1.50 mH	±10%	90	0.252	1.1	9.0	0.15
4564-182K	1.80 mH	±10%	90	0.252	1.0	9.0	0.10
4564-222K	2.20 mH	±10%	90	0.252	0.9	13.0	0.10
4564-272K	2.70 mH	±10%	90	0.252	0.8	13.0	0.10
4564-332K	3.30 mH	±10%	90	0.252	0.7	13.0	0.10
4564-392K	3.90 mH	±10%	90	0.252	0.7	13.0	0.05
4564-472K	4.70 mH	±10%	90	0.252	0.6	18.0	0.05
4564-562K	5.60 mH	±10%	90	0.252	0.6	18.0	0.05
4564-682K	6.80 mH	±10%	90	0.252	0.5	26.0	0.05
4564-822K	8.20 mH	±10%	90	0.252	0.5	26.0	0.05
4564-103K	10.0 mH	±10%	100	0.0796	0.4	40.0	0.04
4564-123K	12.0 mH	±10%	100	0.0796	0.4	40.0	0.04
4564-153K	15.0 mH	±10%	100	0.0796	0.4	60.0	0.04
4564-183K	18.0 mH	±10%	100	0.0796	0.3	60.0	0.03
4564-223K	22.0 mH	±10%	100	0.0796	0.3	80.0	0.03
4564-273K	27.0 mH	±10%	100	0.0796	0.2	80.0	0.03
4564-333K	33.0 mH	±10%	100	0.0796	0.2	80.0	0.03
<b>Series 4564: Optional Tolerances: J = 5%</b>							

RF INDUCTORS