Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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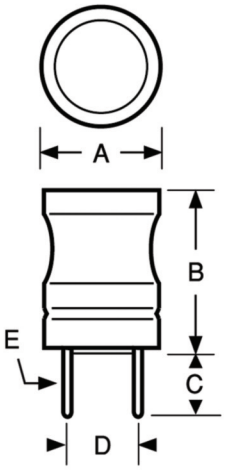
SERIES 4554R & 4564R 4554 & 4564

RoHS Compliant

Traditional First Quality

Radial Lead Inductors



Actual Size (Max.)

Physical Parameters

Series 4554

	Inches	Millimeters
A	0.34 Max.	8.64 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.	0.61 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

Series 4554 –40°C to +85°C

Series 4564 –20°C to +80°C

Storage Temperature Rangee

Series 4554 –40°C to +85°C

Series 4564 –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 Bulk

Series 4564 Optional Tolerances: J = 5%
*Complete part # must include series # PLUS the dash #
For surface finish information, refer to www.delevanfinishes.com

DASH NUMBER*	INDUCTANCE**	TOLERANCE (%)	Q MINIMUM	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (A)
SERIES 4554 FERRITE CORE							
-1R0M	1.0 µH	±20%	20	7.96	150.0	0.013	10.0
-1R5M	1.5 µH	±20%	20	7.96	130.0	0.016	8.5
-2R2M	2.2 µH	±20%	20	7.96	100.0	0.021	6.5
-3R3M	3.3 µH	±20%	20	7.96	79.0	0.025	5.5
-4R7M	4.7 µH	±20%	20	7.96	51.0	0.030	4.3
-6R8M	6.8 µH	±20%	20	7.96	29.0	0.035	3.7
-100K	10 µH	±10%	50	2.52	14.0	0.055	3.0
-120K	12 µH	±10%	50	2.52	13.0	0.060	2.6
-150K	15 µH	±10%	50	2.52	12.0	0.065	2.2
-180K	18 µH	±10%	40	2.52	11.0	0.085	2.0
-220K	22 µH	±10%	40	2.52	9.2	0.095	1.7
-270K	27 µH	±10%	40	2.52	8.5	0.120	1.6
-330K	33 µH	±10%	30	2.52	7.8	0.140	1.5
-390K	39 µH	±10%	30	2.52	6.9	0.160	1.4
-470K	47 µH	±10%	30	2.52	6.5	0.200	1.3
-560K	56 µH	±10%	30	2.52	5.4	0.210	1.2
-680K	68 µH	±10%	30	2.52	4.9	0.210	1.2
-820K	82 µH	±10%	30	2.52	4.1	0.230	1.1
-101K	100 µH**	±10%	20	0.796	3.7	0.290	0.91
-121K	120 µH**	±10%	20	0.796	3.4	0.320	0.84
-151K	150 µH**	±10%	20	0.796	3.2	0.450	0.75
-181K	180 µH**	±10%	20	0.796	2.8	0.580	0.69
-221K	220 µH**	±10%	20	0.796	2.7	0.650	0.64
-271K	270 µH**	±10%	20	0.796	2.4	0.800	0.57
-331K	330 µH**	±10%	20	0.796	2.3	0.900	0.54
-391K	390 µH**	±10%	20	0.796	2.1	1.0	0.48
-471K	470 µH**	±10%	20	0.796	1.9	1.1	0.46
-561K	560 µH**	±10%	20	0.796	1.8	1.4	0.41
-681K	680 µH**	±10%	20	0.796	1.6	1.6	0.38
-821K	820 µH**	±10%	20	0.796	1.5	1.8	0.35
-102K	1000 µH**	±10%	50	0.252	1.3	2.9	0.29
SERIES 4564 FERRITE CORE							
-101K	0.10 mH	±10%	80	0.796	5.3	2.0	0.20
-121K	0.12 mH	±10%	80	0.796	4.5	2.0	0.20
-151K	0.15 mH	±10%	80	0.796	3.8	2.0	0.20
-181K	0.18 mH	±10%	80	0.796	3.3	3.0	0.20
-221K	0.22 mH	±10%	80	0.796	2.9	3.0	0.20
-271K	0.27 mH	±10%	80	0.796	2.6	3.0	0.20
-331K	0.33 mH	±10%	80	0.796	2.3	4.0	0.20
-391K	0.39 mH	±10%	80	0.796	2.1	4.0	0.20
-471K	0.47 mH	±10%	80	0.796	1.9	4.0	0.20
-561K	0.56 mH	±10%	80	0.796	1.7	4.0	0.20
-681K	0.68 mH	±10%	80	0.796	1.6	4.0	0.20
-821K	0.82 mH	±10%	80	0.796	1.4	6.0	0.20
-102K	1.00 mH	±10%	90	0.252	1.3	6.0	0.15
-122K	1.20 mH	±10%	90	0.252	1.2	9.0	0.15
-152K	1.50 mH	±10%	90	0.252	1.1	9.0	0.15
-182K	1.80 mH	±10%	90	0.252	1.0	9.0	0.10
-222K	2.20 mH	±10%	90	0.252	0.9	13.0	0.10
-272K	2.70 mH	±10%	90	0.252	0.8	13.0	0.10
-332K	3.30 mH	±10%	90	0.252	0.7	13.0	0.10
-392K	3.90 mH	±10%	90	0.252	0.7	13.0	0.05
-472K	4.70 mH	±10%	90	0.252	0.6	18.0	0.05
-562K	5.60 mH	±10%	90	0.252	0.6	18.0	0.05
-682K	6.80 mH	±10%	90	0.252	0.5	26.0	0.05
-822K	8.20 mH	±10%	90	0.252	0.5	26.0	0.05
-103K	10.0 mH	±10%	100	0.0796	0.4	40.0	0.04
-123K	12.0 mH	±10%	100	0.0796	0.4	40.0	0.04
-153K	15.0 mH	±10%	100	0.0796	0.4	60.0	0.04
-183K	18.0 mH	±10%	100	0.0796	0.3	60.0	0.03
-223K	22.0 mH	±10%	100	0.0796	0.3	80.0	0.03
-273K	27.0 mH	±10%	100	0.0796	0.2	80.0	0.03
-333K	33.0 mH	±10%	100	0.0796	0.2	80.0	0.03

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