

Product Obsolescence: 4554 & 4554R Series, Radial Leaded Inductor

Description of Change: Delevan announces obsolescence of its 4554 & 4554R, Radial Leaded Inductor. Supply base closure and low market demand has led to the decision to discontinue this product offering.

Delevan P/N:
Please see attached tables for all part numbers impacted.

Delevan Product Series: 4554 & 4554R

Effectivity Date: 11/20/2024

Product Classification: RF Inductor, Radial Leaded

Replacement Series: None

Expected Effect on Quality/Reliability/Performance: N/A

Implementation Date: Last Time Buy valid till 4/30/2025 or until limited material inventory is consumed.

Issued By: Delevan, Product Line Management

Contact Information:

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OBSOLETE PART NUMBER	DESCRIPTION		OBSOLETE PART NUMBER	DESCRIPTION
4554-100K	Radial Leaded, Radial Lead Inductor, 10 uH , +/- 10%		4554R-100K	RoHS, Radial Leaded, Radial Lead Inductor, 10 uH , +/- 10%
4554-101J	Radial Leaded, Radial Lead Inductor, 100 uH , +/- 5%		4554R-101J	RoHS, Radial Leaded, Radial Lead Inductor, 100 uH , +/- 5%
4554-101K	Radial Leaded, Radial Lead Inductor, 100 uH , +/- 10%		4554R-101K	RoHS, Radial Leaded, Radial Lead Inductor, 100 uH , +/- 10%
4554-102J	Radial Leaded, Radial Lead Inductor, 1000 uH , +/- 5%		4554R-102J	RoHS, Radial Leaded, Radial Lead Inductor, 1000 uH , +/- 5%
4554-102K	Radial Leaded, Radial Lead Inductor, 1000 uH , +/- 10%		4554R-102K	RoHS, Radial Leaded, Radial Lead Inductor, 1000 uH , +/- 10%
4554-120K	Radial Leaded, Radial Lead Inductor, 12 uH , +/- 10%		4554R-120K	RoHS, Radial Leaded, Radial Lead Inductor, 12 uH , +/- 10%
4554-121J	Radial Leaded, Radial Lead Inductor, 120 uH , +/- 5%		4554R-121J	RoHS, Radial Leaded, Radial Lead Inductor, 120 uH , +/- 5%
4554-121K	Radial Leaded, Radial Lead Inductor, 120 uH , +/- 10%		4554R-121K	RoHS, Radial Leaded, Radial Lead Inductor, 120 uH , +/- 10%
4554-150K	Radial Leaded, Radial Lead Inductor, 15 uH , +/- 10%		4554R-150K	RoHS, Radial Leaded, Radial Lead Inductor, 15 uH , +/- 10%
4554-151J	Radial Leaded, Radial Lead Inductor, 150 uH , +/- 5%		4554R-151J	RoHS, Radial Leaded, Radial Lead Inductor, 150 uH , +/- 5%

OBSOLETE PART NUMBER	DESCRIPTION		OBSOLETE PART NUMBER	DESCRIPTION
4554-151K	Radial Leaded, Radial Lead Inductor, 150 uH , +/- 10%		4554R-151K	RoHS, Radial Leaded, Radial Lead Inductor, 150 uH , +/- 10%
4554-180K	Radial Leaded, Radial Lead Inductor, 18 uH , +/- 10%		4554R-180K	RoHS, Radial Leaded, Radial Lead Inductor, 18 uH , +/- 10%
4554-181J	Radial Leaded, Radial Lead Inductor, 180 uH , +/- 5%		4554R-181J	RoHS, Radial Leaded, Radial Lead Inductor, 180 uH , +/- 5%
4554-181K	Radial Leaded, Radial Lead Inductor, 180 uH , +/- 10%		4554R-181K	RoHS, Radial Leaded, Radial Lead Inductor, 180 uH , +/- 10%
4554-1R0K	Radial Leaded, Radial Lead Inductor, 1 uH , +/- 10%		4554R-1R0K	RoHS, Radial Leaded, Radial Lead Inductor, 1 uH , +/- 10%
4554-1R0M	Radial Leaded, Radial Lead Inductor, 1 uH , +/- 20%		4554R-1R0M	RoHS, Radial Leaded, Radial Lead Inductor, 1 uH , +/- 20%
4554-1R5K	Radial Leaded, Radial Lead Inductor, 1.5 uH , +/- 10%		4554R-1R5K	RoHS, Radial Leaded, Radial Lead Inductor, 1.5 uH , +/- 10%
4554-1R5M	Radial Leaded, Radial Lead Inductor, 1.5 uH , +/- 20%		4554R-1R5M	RoHS, Radial Leaded, Radial Lead Inductor, 1.5 uH , +/- 20%
4554-220K	Radial Leaded, Radial Lead Inductor, 22 uH , +/- 10%		4554R-220K	RoHS, Radial Leaded, Radial Lead Inductor, 22 uH , +/- 10%
4554-221J	Radial Leaded, Radial Lead Inductor, 220 uH , +/- 5%		4554R-221J	RoHS, Radial Leaded, Radial Lead Inductor, 220 uH , +/- 5%

OBSOLETE PART NUMBER	DESCRIPTION		OBSOLETE PART NUMBER	DESCRIPTION
4554-221K	Radial Leaded, Radial Lead Inductor, 220 uH , +/- 10%		4554R-221K	RoHS, Radial Leaded, Radial Lead Inductor, 220 uH , +/- 10%
4554-270K	Radial Leaded, Radial Lead Inductor, 27 uH , +/- 10%		4554R-270K	RoHS, Radial Leaded, Radial Lead Inductor, 27 uH , +/- 10%
4554-271J	Radial Leaded, Radial Lead Inductor, 270 uH , +/- 5%		4554R-271J	RoHS, Radial Leaded, Radial Lead Inductor, 270 uH , +/- 5%
4554-271K	Radial Leaded, Radial Lead Inductor, 270 uH , +/- 10%		4554R-271K	RoHS, Radial Leaded, Radial Lead Inductor, 270 uH , +/- 10%
4554-2R2K	Radial Leaded, Radial Lead Inductor, 2.2 uH , +/- 10%		4554R-2R2K	RoHS, Radial Leaded, Radial Lead Inductor, 2.2 uH , +/- 10%
4554-2R2M	Radial Leaded, Radial Lead Inductor, 2.2 uH , +/- 20%		4554R-2R2M	RoHS, Radial Leaded, Radial Lead Inductor, 2.2 uH , +/- 20%
4554-330K	Radial Leaded, Radial Lead Inductor, 33 uH , +/- 10%		4554R-330K	RoHS, Radial Leaded, Radial Lead Inductor, 33 uH , +/- 10%
4554-331J	Radial Leaded, Radial Lead Inductor, 330 uH , +/- 5%		4554R-331J	RoHS, Radial Leaded, Radial Lead Inductor, 330 uH , +/- 5%
4554-331K	Radial Leaded, Radial Lead Inductor, 330 uH , +/- 10%		4554R-331K	RoHS, Radial Leaded, Radial Lead Inductor, 330 uH , +/- 10%
4554-390K	Radial Leaded, Radial Lead Inductor, 39 uH , +/- 10%		4554R-390K	RoHS, Radial Leaded, Radial Lead Inductor, 39 uH , +/- 10%

OBSOLETE PART NUMBER	DESCRIPTION		OBSOLETE PART NUMBER	DESCRIPTION
4554-391J	Radial Leaded, Radial Lead Inductor, 390 uH , +/- 5%		4554R-391J	RoHS, Radial Leaded, Radial Lead Inductor, 390 uH , +/- 5%
4554-391K	Radial Leaded, Radial Lead Inductor, 390 uH , +/- 10%		4554R-391K	RoHS, Radial Leaded, Radial Lead Inductor, 390 uH , +/- 10%
4554-3R3K	Radial Leaded, Radial Lead Inductor, 3.3 uH , +/- 10%		4554R-3R3K	RoHS, Radial Leaded, Radial Lead Inductor, 3.3 uH , +/- 10%
4554-3R3M	Radial Leaded, Radial Lead Inductor, 3.3 uH , +/- 20%		4554R-3R3M	RoHS, Radial Leaded, Radial Lead Inductor, 3.3 uH , +/- 20%
4554-470K	Radial Leaded, Radial Lead Inductor, 47 uH , +/- 10%		4554R-470K	RoHS, Radial Leaded, Radial Lead Inductor, 47 uH , +/- 10%
4554-471J	Radial Leaded, Radial Lead Inductor, 470 uH , +/- 5%		4554R-471J	RoHS, Radial Leaded, Radial Lead Inductor, 470 uH , +/- 5%
4554-471K	Radial Leaded, Radial Lead Inductor, 470 uH , +/- 10%		4554R-471K	RoHS, Radial Leaded, Radial Lead Inductor, 470 uH , +/- 10%
4554-4R7K	Radial Leaded, Radial Lead Inductor, 4.7 uH , +/- 10%		4554R-4R7K	RoHS, Radial Leaded, Radial Lead Inductor, 4.7 uH , +/- 10%
4554-4R7M	Radial Leaded, Radial Lead Inductor, 4.7 uH , +/- 20%		4554R-4R7M	RoHS, Radial Leaded, Radial Lead Inductor, 4.7 uH , +/- 20%
4554-560K	Radial Leaded, Radial Lead Inductor, 56 uH , +/- 10%		4554R-560K	RoHS, Radial Leaded, Radial Lead Inductor, 56 uH , +/- 10%

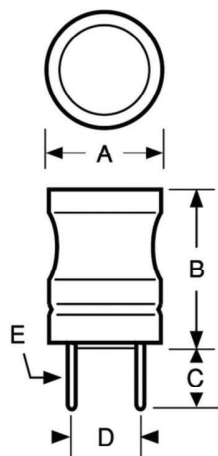
OBSOLETE PART NUMBER	DESCRIPTION		OBSOLETE PART NUMBER	DESCRIPTION
4554-561J	Radial Leaded, Radial Lead Inductor, 560 uH , +/- 5%		4554R-561J	RoHS, Radial Leaded, Radial Lead Inductor, 560 uH , +/- 5%
4554-561K	Radial Leaded, Radial Lead Inductor, 560 uH , +/- 10%		4554R-561K	RoHS, Radial Leaded, Radial Lead Inductor, 560 uH , +/- 10%
4554-680K	Radial Leaded, Radial Lead Inductor, 68 uH , +/- 10%		4554R-680K	RoHS, Radial Leaded, Radial Lead Inductor, 68 uH , +/- 10%
4554-681J	Radial Leaded, Radial Lead Inductor, 680 uH , +/- 5%		4554R-681J	RoHS, Radial Leaded, Radial Lead Inductor, 680 uH , +/- 5%
4554-681K	Radial Leaded, Radial Lead Inductor, 680 uH , +/- 10%		4554R-681K	RoHS, Radial Leaded, Radial Lead Inductor, 680 uH , +/- 10%
4554-6R8K	Radial Leaded, Radial Lead Inductor, 6.8 uH , +/- 10%		4554R-6R8K	RoHS, Radial Leaded, Radial Lead Inductor, 6.8 uH , +/- 10%
4554-6R8M	Radial Leaded, Radial Lead Inductor, 6.8 uH , +/- 20%		4554R-6R8M	RoHS, Radial Leaded, Radial Lead Inductor, 6.8 uH , +/- 20%
4554-820K	Radial Leaded, Radial Lead Inductor, 82 uH , +/- 10%		4554R-820K	RoHS, Radial Leaded, Radial Lead Inductor, 82 uH , +/- 10%
4554-821J	Radial Leaded, Radial Lead Inductor, 820 uH , +/- 5%		4554R-821J	RoHS, Radial Leaded, Radial Lead Inductor, 820 uH , +/- 5%
4554-821K	Radial Leaded, Radial Lead Inductor, 820 uH , +/- 10%		4554R-821K	RoHS, Radial Leaded, Radial Lead Inductor, 820 uH , +/- 10%

SERIES

4554R & 4564R
4554 & 4564



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 Range

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 #

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