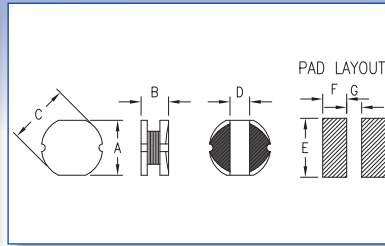
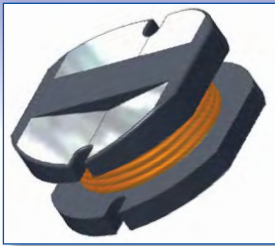


SURFACE MOUNT UNSHIELDED POWER INDUCTOR

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers

K	±10%	To Order
M	±20%	Standard

Packaging

555-8060/8062	1,500 pcs per 330mm reel
555-8064/8066	1,000 pcs per 330mm reel
555-8068	500 pcs per 330mm reel

How to order code

555 - 80XX - XX - XX - 36

Basic Part No. Inductance Tolerance Inductance Code

Basic Part No.	Inductance (µH)	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (A)	
555-8060	-1R-0	1.00	7.96	0.033	3.80
	-1R-4	1.40	7.96	0.038	3.30
	-1R-8	1.80	7.96	0.042	2.91
	-2R-2	2.20	7.96	0.047	2.60
	-2R-7	2.70	7.96	0.052	2.43
	-3R-3	3.30	7.96	0.058	2.15
	-3R-9	3.90	7.96	0.076	1.98
	-4R-7	4.70	7.96	0.094	1.70
	-5R-6	5.60	7.96	0.101	1.60
	-6R-8	6.80	7.96	0.117	1.41
	-8R-2	8.20	7.96	0.132	1.26
	-10-0	10.0	2.52	0.182	1.15
	-12-0	12.0	2.52	0.210	1.05
	-15-0	15.0	2.52	0.235	0.920
	-18-0	18.0	2.52	0.338	0.840
	-22-0	22.0	2.52	0.378	0.760
	-27-0	27.0	2.52	0.522	0.710
	-33-0	33.0	2.52	0.540	0.640
	-39-0	39.0	2.52	0.587	0.590
	-47-0	47.0	2.52	0.844	0.540
	-56-0	56.0	2.52	0.937	0.500
	-68-0	68.0	2.52	1.12	0.460
	-82-0	82.0	0.100	1.35	0.450
	-10-1	100	0.100	1.52	0.440
	-12-1	120	0.100	1.80	0.430
	-15-1	150	0.100	2.00	0.420
	-18-1	180	0.100	3.20	0.380
-22-1	220	0.100	3.40	0.360	
-27-1	270	0.100	3.90	0.340	
-33-1	330	0.100	5.30	0.280	
-39-1	390	0.100	5.90	0.240	
-47-1	470	0.100	6.80	0.210	
-56-1	560	0.100	8.50	0.200	
-68-1	680	0.100	10.0	0.180	
-82-1	820	0.100	13.4	0.150	
-10-2	1000	0.100	15.6	0.140	
555-8062	-1R-0	1.00	7.96	0.015	5.90
	-1R-2	1.20	7.96	0.020	5.20
	-1R-5	1.50	7.96	0.025	4.70
	-1R-8	1.80	7.96	0.030	4.00
	-2R-2	2.20	7.96	0.035	3.80
	-2R-7	2.70	7.96	0.040	3.40
	-3R-3	3.30	7.96	0.045	3.30
	-3R-9	3.90	7.96	0.050	2.90
	-4R-7	4.70	7.96	0.060	2.80
	-5R-6	5.60	7.96	0.070	2.40
	-6R-8	6.80	7.96	0.080	2.10
	-8R-2	8.20	7.96	0.090	2.00
	-10-0	10.0	2.52	0.10	1.44
	-12-0	12.0	2.52	0.12	1.40
	-15-0	15.0	2.52	0.14	1.30
	-18-0	18.0	2.52	0.15	1.23
	-22-0	22.0	2.52	0.18	1.11
	-27-0	27.0	2.52	0.20	0.970
	-33-0	33.0	2.52	0.23	0.880
	-39-0	39.0	2.52	0.32	0.800
	-47-0	47.0	2.52	0.37	0.720
	-56-0	56.0	2.52	0.42	0.680
	-68-0	68.0	2.52	0.46	0.610
	-82-0	82.0	2.52	0.60	0.580
	-10-1	100	0.100	0.70	0.520
	-12-1	120	0.100	0.93	0.480
	-15-1	150	0.100	1.1	0.400
-18-1	180	0.100	1.4	0.380	
-22-1	220	0.100	1.6	0.350	
-27-1	270	0.100	1.7	0.320	

Temperature Range: -40°C to +105°C

Devices are RoHS compliant
Inductance drops typically 10% at DC Max..
Dimensional Tolerance ± .012 (±0.3)