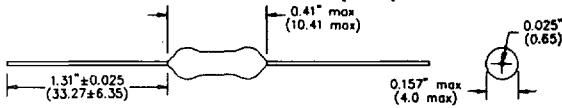


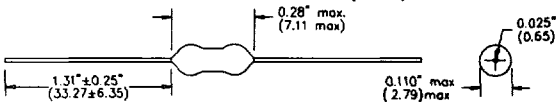


Conformal Coated AXIAL INDUCTORS 1641C & 1026C Series

1641C Dimensions (mm)



1026C Dimensions (mm)



Temperature Range -20°C to 100°C
 Temperature Rise 20°C
 Ambient Temperature 80°C
 Terminal Tensile Strength 3 kG min.
 Packaging 1641C 2500/reel, 1026C 5000/reel

PART NUMBER	L (uH)	Q min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	RatedDC Curr.(mA)
1641C1R0K	1.0	45	25.2	157	0.17	920
1641C1R2K	1.2	50	7.96	144	0.21	880
1641C1R5K	1.5	50	7.96	131	0.23	830
1641C1R8K	1.8	55	7.96	121	0.25	790
1641C2R2K	2.2	55	7.96	110	0.28	750
1641C2R7K	2.7	60	7.96	100	0.30	720
1641C3R3K	3.3	65	7.96	94	0.34	670
1641C3R9K	3.9	65	7.96	86	0.37	640
1641C4R7K	4.7	70	7.96	80	0.39	620
1641C5R6K	5.6	70	7.96	74	0.43	590
1641C6R8K	6.8	75	7.96	68	0.48	550
1641C8R2K	8.2	80	7.96	53	0.52	530
1641C100K	10	85	7.96	45	0.58	500
1641C120K	12	75	2.52	34	0.63	480
1641C150K	15	70	2.52	20	0.72	460
1641C180K	18	65	2.52	14	0.77	430
1641C220K	22	60	2.52	9.9	0.84	410
1641C270K	27	55	2.52	7.6	0.94	390
1641C330K	33	55	2.52	6.3	1.03	370

PART NUMBER	L (uH)	Q min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	RatedDC Curr.(mA)
1641C390K	39	50	2.52	6.3	1.12	350
1641C470K	47	45	2.52	6.3	1.22	340
1641C560K	56	40	2.52	6.2	1.34	320
1641C680K	68	40	2.52	5.7	1.47	305
1641C820K	82	35	2.52	5.3	1.62	290
1641C101K	100	30	2.52	4.8	1.80	275
1641C121K	120	70	0.796	3.8	3.70	185
1641C151K	150	70	0.796	3.6	4.20	175
1641C181K	180	70	0.796	3.3	4.60	165
1641C221K	220	70	0.796	3.0	5.10	155
1641C271K	270	65	0.796	2.8	5.80	145
1641C331K	330	65	0.796	2.6	6.40	137
1641C391K	390	65	0.796	2.4	7.00	133
1641C471K	470	60	0.796	2.25	7.70	126
1641C561K	560	60	0.796	2.10	8.50	120
1641C681K	680	55	0.796	1.95	9.40	113
1641C821K	820	55	0.796	1.85	40.50	105
1641C102K	1000	50	0.252	1.40	14.00	100

Letter suffix on part number denotes tolerance: M = $\pm 20\%$, K = $\pm 10\%$, J = $\pm 5\%$

Low inductance available for 1641C - please contact factory

1026C PART NUMBER

PART NUMBER	L (uH)	Q min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	RatedDC Curr.(mA)
1026C10M	.10	40	25.2	470	.08	700
1026C12M	.12	40	25.2	450	.08	700
1026C15M	.15	40	25.2	430	.09	700
1026C18M	.18	40	25.2	410	.10	700
1026C22M	.22	40	25.2	380	.12	700
1026C27M	.27	40	25.2	360	.15	680
1026C33M	.33	40	25.2	350	.16	680
1026C39M	.39	40	25.2	320	.18	680
1026C47M	.47	40	25.2	300	.26	650
1026C56M	.56	40	25.2	280	.38	500
1026C68M	.68	40	25.2	250	.42	500
1026C82M	.82	40	25.2	200	.55	450
1026C1R0K	1.0	40	25.2	180	.12	700
1026C1R2K	1.2	40	7.96	165	.18	700
1026C1R5K	1.5	45	7.96	150	.20	700
1026C1R8K	1.8	50	7.96	125	.23	655
1026C2R2K	2.2	50	7.96	85	.25	630
1026C2R7K	2.7	50	7.96	80	.28	595
1026C3R3K	3.3	50	7.96	75	.30	575
1026C3R9K	3.9	45	7.96	65	.32	555
1026C4R7K	4.7	45	7.96	45	.35	530
1026C5R6K	5.6	45	7.96	36	.40	500
1026C6R8K	6.8	40	7.96	30	.45	470
1026C8R2K	8.2	40	7.96	28	.55	425
1026C100K	10	40	7.96	22	.72	370

PART NUMBER	L (uH)	Q min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	RatedDC Curr.(mA)
1026C120K	12	45	2.52	20	.80	350
1026C150K	15	50	2.52	16	.88	335
1026C180K	18	50	2.52	15	1.00	315
1026C220K	22	50	2.52	13	1.20	285
1026C270K	27	50	2.52	11	1.35	279
1026C330K	33	50	2.52	10	1.50	255
1026C390K	39	50	2.52	9.5	1.70	240
1026C470K	47	60	2.52	8.5	2.30	205
1026C560K	56	60	2.52	7.5	2.60	195
1026C680K	68	60	2.52	6.5	3.20	185
1026C820K	82	60	2.52	6.0	3.50	175
1026C101K	100	60	2.52	5.5	3.80	165
1026C121K	120	60	.796	5.4	3.80	160
1026C151K	150	60	.796	4.75	4.40	150
1026C181K	180	60	.796	4.35	5.00	140
1026C221K	220	60	.796	4.0	5.70	130
1026C271K	270	60	.796	3.7	6.50	120
1026C331K	330	60	.796	3.4	9.50	100
1026C391K	390	60	.796	2.8	10.5	95
1026C471K	470	60	.796	2.4	12.5	90
1026C561K	560	60	.796	2.2	14.5	85
1026C681K	680	60	.796	2.0	18.0	75
1026C821K	820	60	.796	1.6	23.7	65
1026C102K	1000	60	.796	1.15	30.0	60

Letter suffix on part number denotes tolerance: M = $\pm 20\%$, K = $\pm 10\%$, J = $\pm 5\%$

All specifications subject to change without notice

125 Columbia, Suite B - Aliso Viejo, California 92656
 (714) 448-7070 • FAX (714) 448-8484