

**AXIAL CONFORMAL COATED
RF INDUCTOR
SERIES C4**

FEATURES

- Superior Q
- Low price
- Uniform coating

ELECTRICAL CHARACTERISTICS

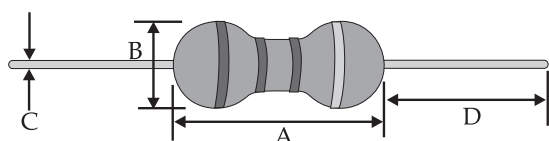
- Inductance range 0.10 μ H to 1000 μ H
- Tolerance \pm 10% over entire range*
- Rated current Based on Lo changes within \pm 10% typical
- Testing procedures L & Q are measured with Q Meter HP-4342A @ specified frequency

PHYSICAL CHARACTERISTICS

- Operating temp. -55°C to +125°C
- Terminal strength 5 lbs pull test per MIL-STD-202
- Resistance to solvents Conforms to MIL-STD-202
- Construction Epoxy coated
- Marking 4 band EIA color code
- Packaging Bulk 1000 pcs / bag
Reel 5000 pcs

DIMENSIONS IN INCHES

- Body length A 0.375" maximum
- Body diameter B 0.160" maximum
- Lead wire C 22 AWG/TCW
- Lead length D 1.15" nominal



*NOTE: Special tolerances are available on order

SPECIFICATIONS

Part Number	L (μ H)	Tol % \pm	Q Min	Test Freq. (MHz)	SRF Min (MHz)	DCR Max (Ω)	Rated Current (mA)
C4-R10K	0.10	10	40	25	400	0.06	1360
C4-R12K	0.12	10	40	25	400	0.06	1280
C4-R15K	0.15	10	40	25	400	0.07	1200
C4-R18K	0.18	10	40	25	400	0.07	1120
C4-R22K	0.22	10	25	25	380	0.21	880
C4-R27K	0.27	10	25	25	340	0.24	800
C4-R33K	0.33	10	25	25	300	0.28	750
C4-R39K	0.39	10	25	25	280	0.32	680
C4-R47K	0.47	10	25	25	250	0.36	650
C4-R56K	0.56	10	25	25	230	0.41	600
C4-R68K	0.68	10	25	25	210	0.47	550
C4-R82K	0.82	10	45	25	172	0.17	980
C4-1R0K	1.00	10	45	25	157	0.19	920
C4-1R2K	1.2	10	50	7.9	144	0.21	880
C4-1R5K	1.5	10	50	7.9	131	0.23	830
C4-1R8K	1.8	10	55	7.9	121	0.25	790
C4-2R2K	2.2	10	55	7.9	110	0.28	750
C4-2R7K	2.7	10	60	7.9	100	0.30	720
C4-3R3K	3.3	10	65	7.9	94	0.34	670
C4-3R9K	3.9	10	65	7.9	86	0.37	640
C4-4R7K	4.7	10	70	7.9	80	0.39	620
C4-5R6K	5.6	10	70	7.9	74	0.43	590
C4-6R8K	6.8	10	75	7.9	68	0.48	550
C4-8R2K	8.2	10	80	7.9	53	0.52	530
C4-100K	10.0	10	85	7.9	45	0.58	500
C4-120K	12	10	75	2.5	34.0	0.63	480
C4-150K	15	10	70	2.5	20.0	0.72	460
C4-180K	18	10	65	2.5	14.0	0.77	430
C4-220K	22	10	60	2.5	9.9	0.80	410
C4-270K	27	10	55	2.5	7.6	0.94	390
C4-330K	33	10	55	2.5	6.3	1.03	370
C4-390K	39	10	50	2.5	6.3	1.12	350
C4-470K	47	10	45	2.5	6.3	1.22	340
C4-560K	56	10	40	2.5	6.2	1.34	320
C4-680K	68	10	40	2.5	5.7	1.47	305
C4-820K	82	10	35	2.5	5.3	1.62	290
C4-101K	100	10	30	2.5	4.8	1.80	275
C4-121K	120	10	70	0.79	3.80	3.70	185
C4-151K	150	10	70	0.79	3.50	4.20	175
C4-181K	180	10	70	0.79	3.30	4.60	165
C4-221K	220	10	70	0.79	3.00	5.10	155
C4-271K	270	10	65	0.79	2.80	5.80	145
C4-331K	330	10	65	0.79	2.60	6.40	137
C4-391K	390	10	65	0.79	2.40	7.00	133
C4-471K	470	10	60	0.79	2.25	7.70	126
C4-561K	560	10	60	0.79	2.10	8.50	120
C4-681K	680	10	55	0.79	1.95	9.40	113
C4-821K	820	10	55	0.79	1.85	10.5	100
C4-102K	1000	10	50	0.79	1.40	14.0	100