

**AXIAL CONFORMAL COATED
RF INDUCTOR
SERIES C2**

FEATURES

- Same electrical parameters as MS75083, MS75084, MS75085
- Low price
- Uniform coating

ELECTRICAL CHARACTERISTICS

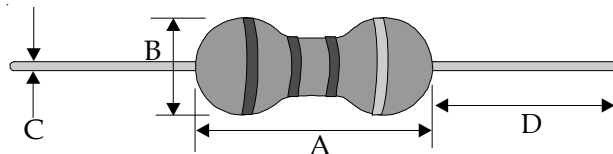
- Inductance range 0.10 μ H to 1000 μ H
- Tolerance $\pm$ 10% over entire range*
- Rated current Based on Lo changes within $\pm$ 10% typical
- Test procedure L & Q are measured with Q Meter HP-4342A @ specified frequency

PHYSICAL CHARACTERISTICS

- Dielectric strength 500 volts RMS
- 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 0.25" maximum
- Body diameter B 0.10" maximum
- Lead wire C 24 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)
C2-R10K	0.10	10	40	25	680	0.08	1350
C2-R12K	0.12	10	40	25	640	0.09	1270
C2-R15K	0.15	10	38	25	600	0.10	1200
C2-R18K	0.18	10	35	25	650	0.12	1105
C2-R22K	0.22	10	33	25	510	0.14	1025
C2-R27K	0.27	10	33	25	430	0.16	960
C2-R33K	0.33	10	30	25	410	0.22	815
C2-R39K	0.39	10	30	25	365	0.30	700
C2-R47K	0.47	10	30	25	330	0.35	650
C2-R56K	0.56	10	30	25	300	0.50	545
C2-R68K	0.68	10	28	25	275	0.60	495
C2-R82K	0.82	10	28	25	250	0.85	415
C2-1R0K	1.00	10	25	25	230	1.00	385
C2-1R2K	1.2	10	25	7.9	150	0.18	590
C2-1R5K	1.5	10	28	7.9	140	0.22	535
C2-1R8K	1.8	10	30	7.9	125	0.30	455
C2-2R2K	2.2	10	30	7.9	115	0.40	395
C2-2R7K	2.7	10	37	7.9	100	0.55	355
C2-3R3K	3.3	10	45	7.9	90	0.85	270
C2-3R9K	3.9	10	45	7.9	80	1.00	250
C2-4R7K	4.7	10	45	7.9	75	1.20	230
C2-5R6K	5.6	10	50	7.9	65	1.80	185
C2-6R8K	6.8	10	50	7.9	60	2.00	175
C2-8R2K	8.2	10	55	7.9	55	2.70	155
C2-100K	10	10	55	7.9	50	2.70	130
C2-120K	12	10	45	2.5	40.0	2.70	155
C2-150K	15	10	40	2.5	35.0	2.80	150
C2-180K	18	10	50	2.5	30.0	3.10	145
C2-220K	22	10	50	2.5	25.0	3.30	140
C2-270K	27	10	50	2.5	20.0	3.50	135
C2-330K	33	10	45	2.5	24.0	3.40	130
C2-390K	39	10	45	2.5	22.0	3.60	125
C2-470K	47	10	45	2.5	20.0	4.50	110
C2-560K	56	10	45	2.5	18.0	5.70	100
C2-680K	68	10	50	2.5	15.0	6.70	92
C2-820K	82	10	50	2.5	14.0	7.30	88
C2-101K	100	10	50	2.5	13.0	8.00	84
C2-121K	120	10	30	0.79	12.0	13	66
C2-151K	150	10	30	0.79	11.0	15	61
C2-181K	180	10	30	0.79	10.0	17	57
C2-221K	220	10	30	0.79	9.0	21	52
C2-271K	270	10	30	0.79	8.0	25	47
C2-331K	330	10	30	0.79	7.0	28	45
C2-391K	390	10	30	0.79	6.5	35	40
C2-471K	470	10	30	0.79	6.0	42	36
C2-561K	560	10	30	0.79	5.0	46	35
C2-681K	680	10	30	0.79	4.0	60	30
C2-821K	820	10	30	0.79	3.8	65	29
C2-102K	1000	10	30	0.79	3.4	72	28