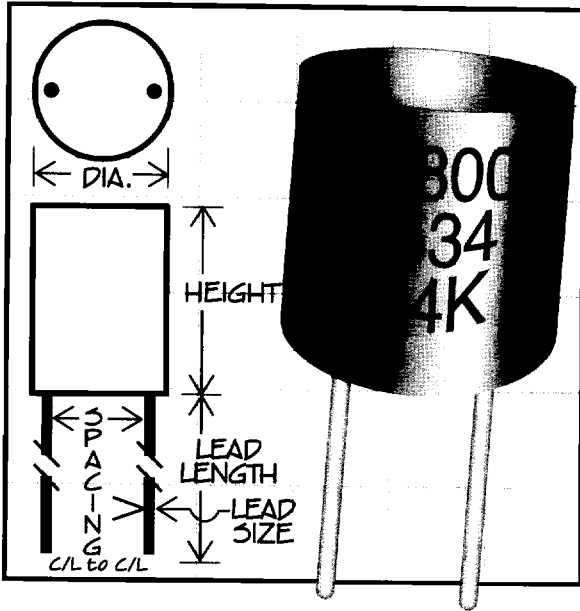


Series 2534

Molded Unshielded RF Coils



Physical Parameters

	Inches	Millimeters
Height	0.345 Max.	8.76 Max.
Diameter	0.25 ± 0.010	6.35 ± 0.25
Lead Size		
AWG #24 TCW	0.020 ± 0.0015	0.508 ± .0038
Lead Length	1.62 ± 0.12	41.15 ± 3.05
Lead Spacing	0.170 to 0.210	4.32 to 5.33

Current Rating at 90°C Ambient 35°C Rise

Operating Temperature Range -55°C to +125°C

Maximum Power Dissipation at 90°C 0.23 W

Weight Max. (Grams) 1.0

Core Material Ferrite

Made in the U.S.A.

PART NUMBER

INDUCTANCE (mH)

Q MINIMUM

TEST FREQUENCY (KHz)

RESONANT FREQUENCY MINIMUM (MHz)

DC RESISTANCE MAXIMUM (OHMS)

CURRENT RATING MAXIMUM (mA)

SERIES 2534 FERRITE CORE

2534-00K	0.10 ± 10%	100	790	4.0	1.5	330
2534-02K	0.12 ± 10%	95	790	3.3	1.8	300
2534-04K	0.15 ± 10%	90	790	3.2	2.0	285
2534-06K	0.18 ± 10%	85	790	2.8	2.2	277
2534-08K	0.22 ± 10%	90	790	2.5	2.4	265
2534-10K	0.27 ± 10%	95	790	2.3	3.2	229
2534-12K	0.33 ± 10%	90	790	2.2	3.4	220
2534-14K	0.39 ± 10%	80	790	2.0	4.1	203
2534-16K	0.47 ± 10%	70	790	1.9	4.5	193
2534-18K	0.56 ± 10%	65	790	1.8	4.8	187
2534-20K	0.68 ± 10%	65	790	1.7	5.4	175
2534-22K	0.82 ± 10%	65	790	1.6	5.8	170
2534-24K	1.00 ± 10%	65	790	1.4	6.4	160
2534-26K	1.20 ± 10%	95	250	1.2	10.0	130
2534-28K	1.50 ± 10%	90	250	1.15	12.0	118
2534-30K	1.80 ± 10%	90	250	1.10	14.0	110
2534-32K	2.20 ± 10%	90	250	0.95	17.0	100
2534-34K	2.70 ± 10%	90	250	0.86	20.0	90
2534-36K	3.30 ± 10%	90	250	0.80	24.0	85
2534-38K	3.90 ± 10%	85	250	0.68	27.0	80
2534-40K	4.70 ± 10%	85	250	0.64	34.0	70
2534-42K	5.60 ± 10%	80	250	0.60	37.0	68
2534-44K	6.80 ± 10%	75	250	0.50	45.0	61
2534-46K	8.20 ± 10%	65	250	0.47	48.0	59
2534-48K	10.0 ± 10%	45	250	0.42	51.0	58
2534-50L	12.0 ± 15%	40	79	0.41	100.0	41
2534-52L	15.0 ± 15%	45	79	0.32	105.0	40
2534-54L	18.0 ± 15%	45	79	0.30	120.0	37
2534-56L	22.0 ± 15%	45	79	0.25	145.0	34
2534-58L	27.0 ± 15%	45	79	0.24	195.0	29
2534-60L	33.0 ± 15%	45	79	0.21	250.0	26
2534-62L	39.0 ± 15%	40	79	0.20	295.0	23
2534-64L	47.0 ± 15%	40	79	0.18	365.0	21.5
2534-66L	56.0 ± 15%	40	79	0.17	430.0	19.5
2534-68L	68.0 ± 15%	30	79	0.15	510.0	18.0
2534-70L	82.0 ± 15%	30	79	0.14	605.0	16.6
2534-72L	100.0 ± 15%	30	79	0.12	670.0	15.8
2534-74L	120.0 ± 15%	30	50	0.11	900.0	13.5
2534-76L	150.0 ± 15%	25	50	0.10	1100.0	12.0

Optional Tolerances: J = 5% H = 3%