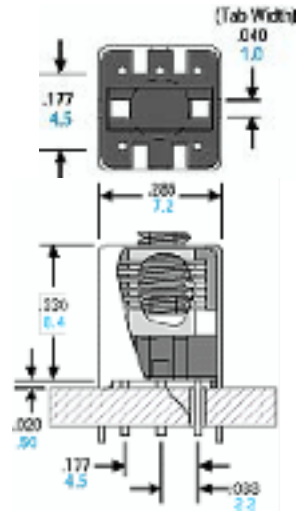


**Q7 Series Data Sheet HF Coils RoHS  
Temperature Constant TC< 35ppm/\*C**



Replacement.  
Ferrite Versions

**PRECISION, TEMPERATURE STABLE, RELIABLE**

**MADE IN USA SINCE 1968**

**Tel# 914 337-4775, Fax# 914 779-7109, E-mail; [coilqcorp@aol.com](mailto:coilqcorp@aol.com)**

**Custom Precise Values With Higher Q Available Upon Request**

Catalog No	L nom uH	L range uH	Q @ L nom	F Test MHz	Fo @ L Nom MHz	DCR Ohms
Q7-.10uH	0.1	.085 - .115	60	25	650	<.1
Q7-.12uH	0.12	.10 - .14	60	25	580	<.1
Q7-.15uH	0.15	.135 - .165	65	25	520	<.1
Q7-.18uH	0.18	.14 - .23	65	25	480	<.1
Q7-.22uH	0.22	.20 - .24	80	25	400	<.1
Q7-.27uH	0.27	.24 - .31	80	25	380	<.1
Q7-.33uH	0.33	.30 - .37	80	25	360	<.1
Q7-.39uH	0.39	.35 - .43	80	25	300	<.1
Q7-.47uH	0.47	.42 - .52	90	25	270	<.1
Q7-.56uH	0.56	.49 - .62	90	25	250	<.1
Q7-.68uH	0.68	.59 - .75	90	25	220	<.1
Q7-.82uH	0.82	.72 - .93	90	25	200	<.1
Q7-1.0uH	1	.88 - 1.1	90	25	185	<.1
Q7-1.2uH	1.2	.98 - 1.33	75	7.9	160	<.1
Q7-1.5uH	1.5	1.35 - 1.7	75	7.9	135	<.1
Q7-1.8uH	1.8	1.6 - 2.0	80	7.9	145	0.1
Q7-2.2uH	2.2	1.9 - 2.5	80	7.9	125	0.14
Q7-2.7uH	2.7	2.5 - 3.1	80	7.9	105	0.18
Q7-3.3uH	3.3	2.9 - 3.7	80	7.9	95	0.2
Q7-3.9uH	3.9	3.5 - 4.3	80	7.9	80	0.25
Q7-4.7uH	4.7	4.2 - 5.3	80	7.9	70	0.35
Q7-5.6uH	5.6	5.0 - 6.2	80	7.9	60	0.4
Q7-6.8uH	6.8	6.0 - 7.5	80	7.9	55	0.45
Q7-8.2uH	8.2	7.4 - 9.0	80	7.9	48	0.7
Q7-10uH	10	8.95 - 11	80	2.5	47.5	0.7
Q7-12uH	12	10.5-13.5	85	2.5	40	0.5
Q7-15uH	15	13.5 - 16.5	85	2.5	40	0.6
Q7-18uH	18	16 - 20	85	2.5	35	0.6
Q7-22uH	22	19 - 25	85	2.5	29	0.8
Q7-27uH	27	25 - 30.5	85	2.5	24.5	0.9
Q7-33uH	33	30 - 36.5	85	2.5	23	1
Q7-39uH	39	35 - 43	85	2.5	21	1.1
Q7-47uH	47	42 - 51	85	2.5	19	1.5
Q7-56uH	56	50 - 62	85	2.5	16	1.8

Q7-68uH	68	62 - 75	85	2.5	12.5	1.8
Q7-82uH	82	75 - 90	80	2.5	11.8	2
Q7-100uH	100	88 - 112	75	2.5	11	1.8
Q7-120uH	120	105 - 135	50	0.79	10.5	2.1
Q7-150uH	150	130 - 165	45	0.79	10.2	2.4
Q7-180uH	180	150 - 210	45	0.79	8.5	3.8
Q7-220uH	220	190 - 240	45	0.79	6.5	4.3
Q7-270uH	270	240 - 300	45	0.79	6.5	4.5
Q7-330uH	330	290 - 370	40	0.79	5.7	5.2
Q7-390uH	390	360 - 420	40	0.79	5.3	6.2
Q7-470uH	470	430 - 500	40	0.79	4.8	7
Q7-560uH	560	500-605	40	0.79	4.3	10

For the most exacting tuning and filter applications:

Features:

- Highest Q for its size without the use of ferrites
- Very low Temperature Constant (TC) 35ppm/°c
- Magnetic and electrostatic shielding
- Sealed in epoxy for moisture protection
- Very low distributed capacitance
- 73 stock values from 0.1 to 100,000  $\mu$ H plus 9 nanohenery inductors
- Designed to meet Mil-C-15305 C, Grade 1
- RoHs Compliant
- No SVHC
- Aerospace Certified
- Quick Samples
- Filter Design Available