

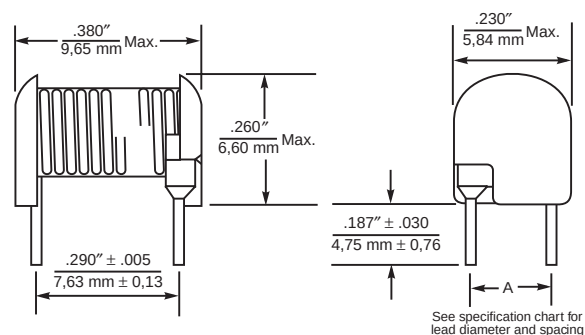
Fixed RF Inductors – 132 Series



These fixed RF coils are part of Coilcraft's series of insert molded inductors. This precision construction technique assures constant winding pitch, long term stability, and tight tolerance ($\pm 5\%$) on inductance.

These high Q fixed inductors are available in standard values from 31.5 nH to 720 nH.

Coilcraft **Designer's Kit M104** contains 3 samples each of 20 standard values plus 13 values from the 148 Series of horizontal mount tuneable inductors. To order, contact Coilcraft.



SPECIFICATIONS

Part Number	Inductance ¹ (nH $\pm 5\%$)	Q Min ¹	SRF Min ² (MHz)	RDC Max ³ (mOhms)	Idc ⁴ (Amps)	Color	Turns	Wire (AWG)	Dim A ⁵ (in/mm)
132-01	31.5	60 @ 50 MHz	2500	2.1	4.0	Brown	1½	22	.148/3,76
132-02	36.5	64	2000	3.0	4.0	Red	2½	22	.148/3,76
132-03	44.0	68	1700	3.8	4.0	Orange	3½	22	.148/3,76
132-04	53.5	72	1550	4.7	4.0	Yellow	4½	22	.148/3,76
132-05	64.0	75	1240	5.7	4.0	Green	5½	22	.148/3,76
132-06	79.0	80	1160	6.6	4.0	Blue	6½	22	.148/3,76
132-07	99.0	66 @ 25 MHz	900	7.4	3.5	Violet	7½	22	.148/3,76
132-08	117	68	800	8.0	3.5	Gray	8½	22	.148/3,76
132-09	138	68	700	9.0	3.5	White	9½	22	.148/3,76
132-10	158	68	615	10.0	3.0	Black	10½	22	.148/3,76
132-11	197	66	525	13.7	3.0	Brown	11½	23	.148/3,76
132-12	235	72	480	19.0	3.0	Red	12½	24	.153/3,89
132-13	260	70	440	20.3	3.0	Orange	13½	24	.153/3,89
132-14	290	70	410	22.5	3.0	Yellow	14½	24	.153/3,89
132-15	345	72	390	30.6	3.0	Green	15½	25	.154/3,91
132-16	410	72	365	40.3	2.5	Blue	16½	26	.156/3,96
132-17	475	66	340	43.1	2.5	Violet	17½	26	.156/3,96
132-18	550	66	325	57.3	2.0	Gray	18½	27	.156/3,96
132-19	600	68	310	61.2	2.0	White	19½	27	.156/3,96
132-20	720	66	275	82.7	1.5	Black	20½	28	.160/4,06

1. Inductance and Q measured using Boonton 260-A with leads connected direct.
2. SRF measured using the HP8753D.
3. RDC measured using the Cambridge Technology Model 510 Micro Ohmmeter.
4. For 20°C temperature rise.
5. Tolerance $\pm .005$ "/0,13 mm.
6. Operating temperature range -40° C to 85° C.

COILCRAFT ACCURATE
PRECISION REPEATABLE
MEASUREMENTS
DOC. 126 **TEST FIXTURES**

Coilcraft

Specifications subject to change without notice. Document 114 Revised 11/17/97

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