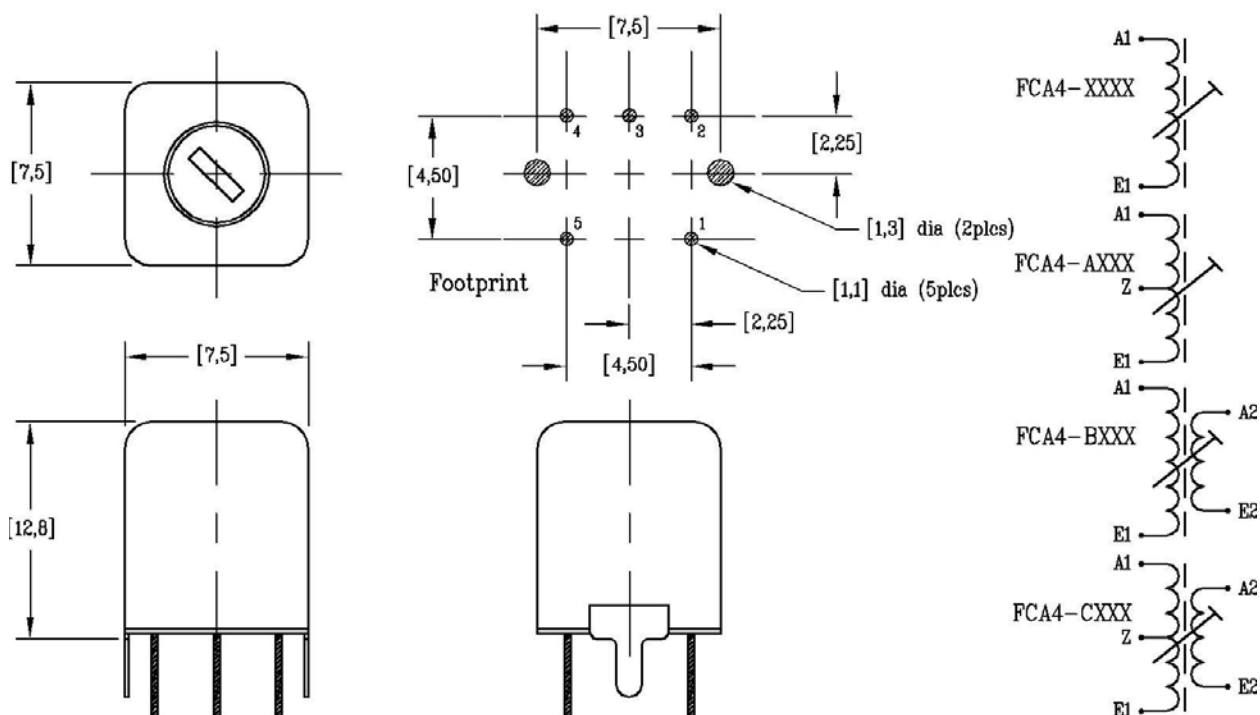
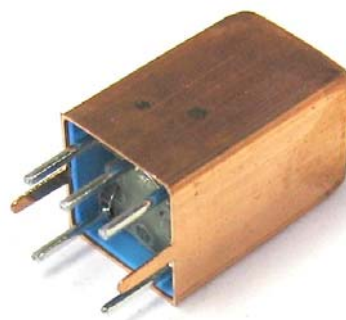


FCA4-XXXX

Adjustable RF coil

- Coils pre-adjusted to nominal “L” value
- Inductance range, 16nH – 1.0mH
- Inductance test level, 50mV
- Frequency range, 100kHz – 300MHz
- Temperature range, -25 °C to 85 °C
- Soldering temperature 235 °C, 5 seconds
- Resistance to soldering heat 260 °C, 5 seconds
- Temperature coefficient (from 25 °C to 85 °C), ~
100 x 10⁻⁶ / °K
- RoHS compliant per 2002/95/EC



Dash #	“L” (uH)	@ “F” (MHz)	Range (MHz)	“Q” min	@ “F” (MHz)	“A ₁ ”	“E ₁ ”	Turns A ₁ -E ₁ (#)	Grid (mm)
-0001	< 16 nH	10	100-300	100	120	1	5	1.25	2.25
-0002	< 36 nH	10	100-300	100	120	1	5	2.25	2.25
-0003	46 nH	10	50-200	100	100	3	5	3.50	2.25
-0004	68 nH	10	50-200	100	150	1	5	3.25	2.25
-0005	> 100 nH	10	50-200	100	100	5	1	5.25	2.25
-0006	115 nH	10	50-200	90	130	1	5	4.25	2.25
-0007	140 nH	10	50-200	80	100	5	1	5.25	2.25
-0008	> 135 nH	10	50-200	100	100	5	1	6.25	2.25
-0009	> 200 nH	10	50-200	90	100	1	5	7.25	2.25
-0010	< 330 nH	10	5-50	80	40	2	4	7.25	2.25

-0011	400 nH	10	5-50	50	40	5	1	13.25	2.25
-0012	480 nH	10	5-50	70	50	2	4	9.25	2.25
-0013	< 580 nH	10	5-50	75	40	5	4	9.75	2.25
-0014	> 670 nH	10	5-50	65	40	2	4	12.50	2.25
-0015	680 nH	10	5-50	65	40	1	2	15.25	2.25
-0016	< 850 nH	10	5-50	65	40	5	1	12.75	2.25
-0017	< 900 nH	10	5-50	70	40	2	1	13.75	2.25
-0018	< 1.00	10	5-50	60	40	5	4	14.75	2.25
-0019	1.13	1	5-50	65	40	2	5	19.50	2.25
-0020	< 1.25	1	5-50	75	40	5	4	12.75	2.25
-0021	> 1.55	1	1-15	25	10	5	1	15.25	2.25
-0022	2.00	1	3-30	45	20	4	5	17.75	2.25
-0023	2.50	1	3-30	40	20	5	1	22.25	2.25
-0024	3.14	1	1-15	90	5.0	5	1	17.25	2.25
-0025	3.30	1	1-15	45	10	5	1	32.25	2.25
-0026	4.00	1	3-30	35	20	1	5	20.75	2.25
-0027	4.40	1	1-15	20	10	5	4	22.75	2.25
-0028	5.00	1	1-15	40	10	1	5	30.75	2.25
-0029	6.00	1	1-15	35	10	1	5	26.25	2.25
-0030	8.00	1	0.5-5	65	1.2	2	4	33.25	2.25
-0031	> 10.0	0.1	1-15	35	9.0	2	1	36.25	2.25
-0032	14.0	0.1	0.5-5	75	1.2	2	4	42.25	2.25
-0033	18.6	0.1	0.5-5	80	1.2	2	4	48.25	2.25
-0034	20.0	0.1	1-15	65	5.0	1	4	43.50	2.25
-0035	23.0	0.1	0.5-5	80	1.2	2	4	55.25	2.25
-0036	30.0	0.1	1-15	65	3.0	5	2	55.50	2.25
-0037	45.0	0.1	1-15	65	2.0	5	2	70.50	2.25
-0038	68.0	0.1	0.5-5	40	0.5	5	1	72.25	2.25
-0039	120	0.1	0.1-2	50	0.5	5	1	92.25	2.5
-0040	1.0 mH	0.1	0.1-2	40	0.27	5	4	296	2.25

Dash #	“L” (uH)	@ “F” (MHz)	Range (MHz)	“Q” min	@ “F” (MHz)	“A ₁ ”	“E ₁ ”	“Z”	Turns A ₁ -E ₁ (#)	Turns A ₁ -Z (#)	Grid (mm)
-A001	69 nH	10	50-200	60	100	1	5	2	3.25	1.75	2.5
-A002	79 nH	10	50-200	70	100	1	5	2	3.25	0.75	2.5
-A003	90 nH	10	50-200	100	100	1	4	2	5.50	4.25	2.25
-A004	120 nH	10	50-200	65	100	4	5	3	3.75	1.25	2.25
-A005	133 nH	10	50-200	75	100	5	2	4	4.50	1.75	2.25
-A006	140 nH	10	50-200	80	100	5	1	4	5.75	2.25	2.5
-A007	560 nH	10	10-100	70	40	2	4	5	15.50	7.50	2.5
-A008	700 nH	10	10-100	60	40	5	3	4	13.00	4.00	2.25
-A009	1.36	1	5-50	35	10	1	5	3	12.00	4.50	2.5
-A010	1.66	1	5-50	40	10	1	5	3	12.00	4.50	2.5
-A011	3.90	1	1-30	50	10.7	2	1	4	27.75	17.25	2.25

Dash #	“L” (uH)	@ “F” (MHz)	Range (MHz)	“Q” min	@ “F” (MHz)	“A ₁ ”	“E ₁ ”	“A ₂ ”	“E ₂ ”	Turns A ₁ -E ₁ (#)	Turns A ₂ -E ₂ (#)	Grid (mm)
-B001	23 nH	10	50-200	90	200	4	2	1	5	1.75	1.75	2.5
-B002	41 nH	10	50-200	110	100	5	1	3	2	3.25	1.25	2.25
-B003	79 nH	10	50-200	60	100	1	5	2	4	4.50	4.50	2.5
-B004	87 nH	10	50-200	90	100	4	2	1	5	5.25	1.25	2.25
-B005	90 nH	10	50-200	60	130	4	2	1	5	4.25	4.25	2.5
-B006	123 nH	10	50-200	90	100	1	5	4	2	5.25	3.25	2.25
-B007	223 nH	10	50-200	85	100	2	4	5	1	7.75	4.75	2.25
-B008	275 nH	10	1-15	18	10	4	1	5	2	5.50	5.50	2.25
-B009	375 nH	10	5-50	70	40	2	4	5	1	7.25	1.25	2.25
-B010	540 nH	10	1-15	35	10	2	3	5	1	15.25	1.25	2.25

-B011	950 nH	10	5-50	50	40	2	4	1	5	16.25	1.75	2.5
-B012	1.0	1	5-50	45	40	4	2	1	5	12.75	4.75	2.5
-B013	1.0	1	5-50	45	40	4	2	1	5	15.25	5.25	2.5
-B014	1.0	1	1-15	32	10	2	3	5	1	24.25	1.25	2.25
-B015	2.0	1	1-15	30	10	2	3	5	1	30.25	1.25	2.25
-B016	2.0	1	5-50	35	40	4	2	1	5	20.25	10.25	2.5
-B017	3.0	1	1-15	55	10	2	4	5	1	27.25	2.25	2.25
-B018	62	0.1	0.1-1	30	0.29	5	4	3	1	68.75	34.75	2.25
-B019	180	0.1	0.1-1	35	0.50	5	1	4	2	120.25	30.75	2.25
-B020	180	0.1	0.1-1	40	0.50	5	1	4	2	120.25	12.75	2.25

Dash #	"L" (uH)	@ "F" (MHz)	Range (MHz)	"Q" min	@ "F" (MHz)	"A ₁ "	"E ₁ "	"A ₂ "	"E ₂ " "	"Z"	Turns A ₁ -E ₁ (#)	Turns A ₂ -E ₂ (#)	Turns A ₁ -Z (#)
-C001	30 nH	10	50-200	85	150	2	4	1	5	3	1.50	2.50	0.75
-C002	67 nH	10	50-200	55	150	4	2	5	1	3	2.50	0.75	1.25
-C003	140 nH	10	50-200	45	100	4	2	1	5	3	4.50	5.25	2.25
-C004	250 nH	10	50-200	40	100	4	2	1	5	3	6.50	4.25	3.25
-C005	520 nH	10	10-100	45	40	4	2	1	5	3	10.50	7.25	5.25
-C006	710 nH	10	10-100	45	40	4	2	1	5	3	12.50	6.25	6.25
-C007	1.17	1	10-100	40	40	4	2	1	5	3	16.50	8.25	8.25
-C008	1.40	1	5-50	30	40	4	2	1	5	3	16.50	18.25	8.25

Rev A, 12/09