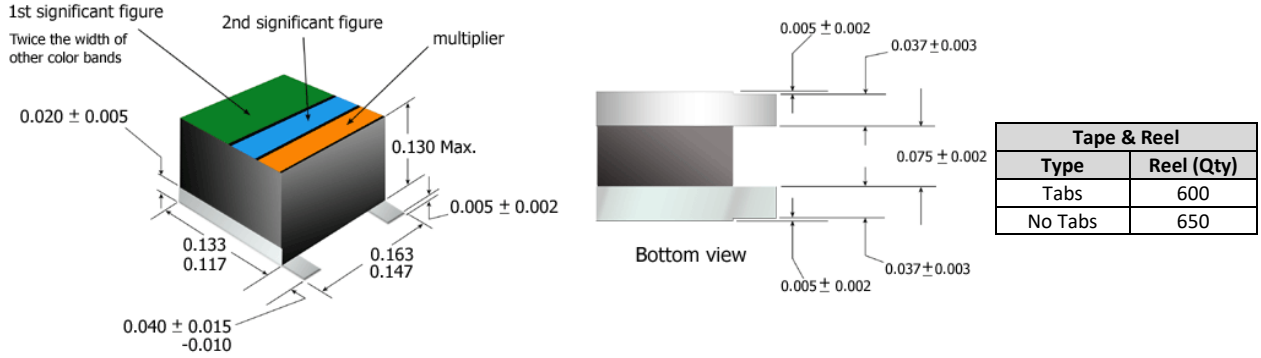


C10000 Series

Fixed Chip Inductor



FEATURES

- Leadless device for minimum footprint
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials

SPECIFICATIONS

- Operating temperature range: -55°C to 125°C
- Altitude: 70,000 feet
- Weight: 0.5 grams maximum
- Termination finish:
 - A: Gold
 - F: Tin-lead

With Tabs	Without Tabs	Inductance ±10% (μH)	Q Min	Q Typ	Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ω)	Current Max (mA)
C/ACM P/N	C/ACM P/N							
C10001	10062	0.010	60	65	150	2000	0.04	1000
C10002	10063	0.012	70	82	150	1800	0.04	1000
C10003	10064	0.015	75	87	150	1500	0.04	1000
C10004	10065	0.018	75	87	150	1500	0.04	1000
C10005	10066	0.022	60	65	100	1300	0.05	1000
C10006	10067	0.027	60	70	100	1300	0.05	1000
C10007	10068	0.033	60	70	100	1000	0.05	1000
C10008	10069	0.039	60	70	100	1000	0.06	900
C10009	10070	0.047	65	75	100	800	0.06	900
C10010	10071	0.056	65	75	100	760	0.06	900
C10011	10072	0.068	65	75	100	700	0.07	840
C10012	10073	0.082	65	75	100	650	0.07	840
C10013	10074	0.100	65	77	50	570	0.07	840
C10014	10075	0.120	65	77	50	520	0.07	840
C10015	10076	0.150	75	87	50	400	0.08	790
C10016	10077	0.180	75	87	50	360	0.08	790
C10017	10078	0.220	70	80	50	320	0.08	790
C10018	10079	0.270	70	80	50	270	0.10	700
C10019	10080	0.330	70	80	50	240	0.10	700
C10020	10081	0.390	70	80	50	220	0.10	700
C10021	10082	0.470	70	80	25	190	0.14	590
C10022	10083	0.560	70	82	25	170	0.19	510
C10023	10084	0.680	70	83	25	160	0.26	430
C10024	10085	0.820	75	84	25	150	0.30	400
C10025	10086	1.00	75	87	25	130	0.34	380
C10026	10087	1.20	65	73	7.9	120	0.45	330
C10027	10088	1.50	65	73	7.9	110	0.57	290
C10028	10089	1.80	65	73	7.9	100	0.72	260
C10029	10090	2.20	65	73	7.9	80	0.9	230
C10030	10091	2.70	65	73	7.9	60	1.1	210
C10031	10092	3.30	60	70	7.9	50	1.2	200
C10032	10093	3.90	60	70	7.9	45	1.4	180
C10033	10094	4.70	60	70	7.9	42	1.6	170
C10034	10095	5.60	65	75	7.9	40	1.8	160
C10035	10096	6.80	65	75	7.9	37	2.4	140
C10036	10097	8.20	65	75	7.9	34	3.0	130
C10037	10098	10.0	65	75	7.9	29	3.5	120
C10038	10099	12.0	60	70	2.5	27	3.6	118
C10039	10100	15.0	60	70	2.5	22	3.7	115
C10040	10101	18.0	60	72	2.5	17	3.8	114
C10041	10102	22.0	60	72	2.5	16	3.9	113
C10042	10103	27.0	65	75	2.5	15	4.0	110
C10043	10104	33.0	65	75	2.5	14	5.0	100
C10044	10105	39.0	65	75	2.5	13	7.0	84
C10045	10106	47.0	70	78	2.5	12	8.0	79
C10046	10107	56.0	70	78	2.5	11	10.0	70
C10047	10108	68.0	65	75	2.5	10	11.0	67
C10048	10109	82.0	60	72	2.5	9	12.0	64
C10049	10110	100.0	60	70	2.5	8	13.0	62
C10050	10111	120.0	40	48	0.79	7	14.0	59
C10051	10112	150.0	40	48	0.79	6	16.0	56
C10052	10113	180.0	40	48	0.79	5	18.0	52
C10053	10114	220.0	40	48	0.79	4	24.0	45
C10054	10115	270.0	40	48	0.79	3.3	25.0	44
C10055	10116	330.0	40	48	0.79	3.1	29.0	41
C10056	10117	390.0	40	48	0.79	2.9	32.0	39
C10057	10118	470.0	35	45	0.79	2.4	35.0	37
C10058	10119	560.0	35	45	0.79	2.1	45.0	33
C10059	10120	680.0	35	40	0.79	1.9	55.0	30
C10060	10121	820.0	30	36	0.79	1.8	70.0	26
C10061	10122	1000.0	30	36	0.79	1.7	80.0	25



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