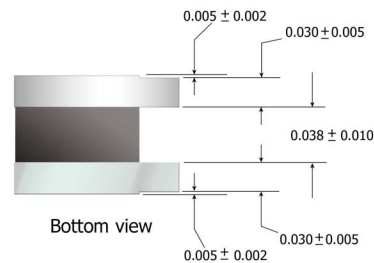
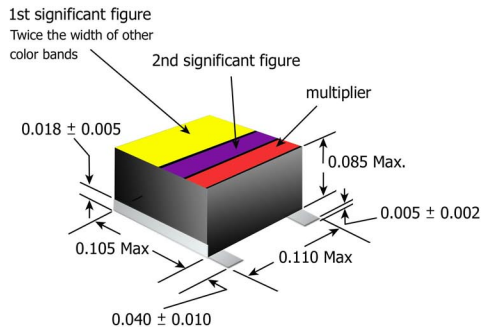


C5000 Series

Fixed Chip Inductors



SPECIFICATIONS

- Operating Temperature: -55 °C to +125 °C
- Standard Terminations: Phosphor bronze with tin-lead coating, welded internal connections.
- Inductance Tolerance: ±10%. Tighter tolerances and other inductance values on request.
- TCL:
Part Numbers C5001 to C5012 and C5038 to C5049: +125 PPM/°C Max.

Part Numbers C5013 to C5033 and C5050 to C5070: +80 PPM/°C Max.

Part Numbers C5034 to C5037 and C5071 to C5074: +80 PPM/°C Max.

With Tab Terminations		Without Tab Terminations		Inductance uH	Min Q	Typ Q	Test Freq. MHz	SRF MHz Min	DCR Ohms Max	Current mA Max
Part Number	Part Number	Part Number	Part Number							
C5001	C5038	C5001	C5038	0.010	45	50	150	1700	0.03	630
C5002	C5039	C5002	C5039	0.012	45	50	150	1700	0.03	630
C5003	C5040	C5003	C5040	0.015	45	50	150	1530	0.05	630
C5004	C5041	C5004	C5041	0.018	45	50	150	1270	0.05	630
C5005	C5042	C5005	C5042	0.022	36	41	100	1020	0.05	630
C5006	C5043	C5006	C5043	0.027	36	41	100	850	0.05	630
C5007	C5044	C5007	C5044	0.033	38	45	100	850	0.06	540
C5008	C5045	C5008	C5045	0.039	38	45	100	850	0.09	510
C5009	C5046	C5009	C5046	0.047	42	50	100	852	0.10	460
C5010	C5047	C5010	C5047	0.056	38	45	100	680	0.11	440
C5011	C5048	C5011	C5048	0.068	38	45	100	720	0.12	400
C5012	C5049	C5012	C5049	0.082	38	45	100	590	0.13	390
C5013	C5050	C5013	C5050	0.10	42	50	50	590	0.13	390
C5014	C5051	C5014	C5051	0.12	38	45	50	460	0.13	390
C5015	C5052	C5015	C5052	0.15	38	45	50	380	0.14	380
C5016	C5053	C5016	C5053	0.18	41	50	50	360	0.17	360
C5017	C5054	C5017	C5054	0.22	41	50	50	340	0.23	290
C5018	C5055	C5018	C5055	0.27	41	50	50	320	0.29	260
C5019	C5056	C5019	C5056	0.33	41	50	50	250	0.35	230
C5020	C5057	C5020	C5057	0.39	38	45	50	210	0.52	200
C5021	C5058	C5021	C5058	0.47	38	45	25	210	0.58	190
C5022	C5059	C5022	C5059	0.56	42	50	25	170	0.64	180
C5023	C5060	C5023	C5060	0.68	42	50	25	150	0.67	170
C5024	C5061	C5024	C5061	0.82	42	50	25	120	0.69	170
C5025	C5062	C5025	C5062	1.0	42	50	25	100	0.75	160
C5026	C5063	C5026	C5063	1.2	33	41	7.9	93	0.87	150
C5027	C5064	C5027	C5064	1.5	33	41	7.9	85	1.3	130
C5028	C5065	C5028	C5065	1.8	38	45	7.9	80	1.4	120
C5029	C5066	C5029	C5066	2.2	38	45	7.9	76	1.5	110
C5030	C5067	C5030	C5067	2.7	38	45	7.9	55	1.7	110
C5031	C5068	C5031	C5068	3.3	38	45	7.9	46	2.1	100
C5032	C5069	C5032	C5069	3.9	38	45	7.9	38	2.3	93
C5033	C5070	C5033	C5070	4.7	38	45	7.9	36	2.7	85
C5034	C5071	C5034	C5071	5.6	38	45	7.9	34	2.9	85
C5035	C5072	C5035	C5072	6.8	37	43	7.9	32	3.0	83
C5036	C5073	C5036	C5073	8.2	37	43	7.9	29	3.2	80
C5037	C5074	C5037	C5074	10.0	37	43	7.9	28	3.8	73

Ordering note: Add suffix "A" to C/ACM Part No. to specify Gold Plated terminations, "F" for Tin-Lead coated terminations.



COAST / ADVANCED CHIP MAGNETICS

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