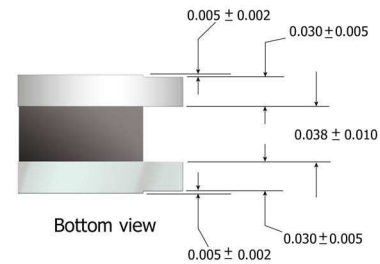
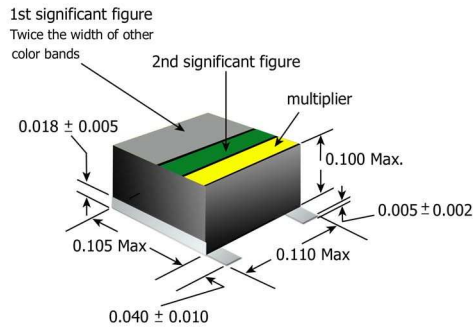


# C6000 Series

## 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 C6001 to C6014 and C6025 to C6038: +80 PPM/°C Max.  
Part Numbers C6015 to C6024 and C6039 to C6048: +200 PPM/°C Max.

		With Tab Terminations		Without Tab Terminations				
Part Number	Part Number	Inductance uH	Min Q	Typ Q	Test Freq. MHz	SRF MHz Min	DCR Ohms Max	Current mA Max
C6001	C6025	12	33	41	2.5	22	2.3	93
C6002	C6026	15	35	42	2.5	20	2.6	89
C6003	C6027	18	35	42	2.5	18	3.3	85
C6004	C6028	22	38	42	2.5	17	4.1	72
C6005	C6029	27	38	42	2.5	16	5.0	63
C6006	C6030	33	41	47	2.5	12	6.4	57
C6007	C6031	39	42	49	2.5	10	7.5	51
C6008	C6032	47	42	49	2.5	9.4	9.8	45
C6009	C6033	56	42	50	2.5	8.5	14	39
C6010	C6034	68	42	50	2.5	7.7	15	35
C6011	C6035	82	39	45	2.5	6.8	18	34
C6012	C6036	100	39	45	2.5	6.0	21	30
C6013	C6037	120	22	25	0.79	5.1	25	28
C6014	C6038	150	20	26	0.79	4.3	30	26
C6015	C6039	180	20	26	0.79	4.3	33	24
C6016	C6040	220	18	24	0.79	3.3	37	23
C6017	C6041	270	18	24	0.79	3.1	42	22
C6018	C6042	330	16	23	0.79	3.0	49	20
C6019	C6043	390	16	23	0.79	2.6	53	19
C6020	C6044	470	16	23	0.79	2.6	79	16
C6021	C6045	560	15	21	0.79	2.4	89	15
C6022	C6046	680	14	19	0.79	2.1	98	14
C6023	C6047	820	13	15	0.79	1.7	115	13
C6024	C6048	1000	9	12	0.79	1.3	138	12

**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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