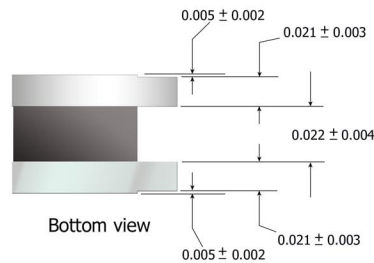
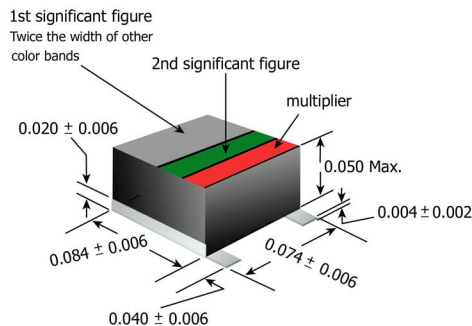


# C6500 Series

## Fixed Chip Inductors



### SPECIFICATIONS

- Operating Temperature: -55 °C to +125 °C
- Standard Terminations: Phosphor bronze with tin-lead coating, welded internal connections.
- Inductance Tolerance:
  - ±20% for part numbers C6549 to C6550 and C6088 to C6089.
  - ±10% for part numbers C6551 to C6587 and C6590 to C6626.
  - Tighter tolerances and other inductance values on request.
- TCL: Part Numbers C6549 to C6587 and C6588 to C6626: +125 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
C6549	C6588	0.005	29	36	200	1640	0.12	630
C6550	C6589	0.008	29	36	200	1530	0.12	630
C6551	C6590	0.010	29	36	150	1440	0.12	630
C6552	C6591	0.012	29	36	150	1270	0.12	630
C6553	C6592	0.015	26	33	150	1100	0.12	630
C6554	C6593	0.018	26	33	150	930	0.12	630
C6555	C6594	0.022	32	39	100	760	0.12	630
C6556	C6595	0.027	31	38	100	760	0.12	630
C6557	C6596	0.033	29	37	100	680	0.12	510
C6558	C6597	0.039	29	37	100	630	0.12	460
C6559	C6598	0.047	29	37	100	630	0.12	420
C6560	C6599	0.056	29	37	100	590	0.12	380
C6561	C6600	0.068	29	37	100	590	0.14	340
C6562	C6601	0.082	29	36	100	590	0.15	290
C6563	C6602	0.10	29	36	50	510	0.17	290
C6564	C6603	0.12	29	36	50	420	0.20	290
C6565	C6604	0.15	29	36	50	420	0.21	290
C6566	C6605	0.18	29	36	50	380	0.29	250
C6567	C6606	0.22	29	36	50	340	0.35	250
C6568	C6607	0.27	27	35	50	280	0.46	250
C6569	C6608	0.33	27	35	50	220	0.58	250
C6570	C6609	0.39	22	28	50	210	1.0	210
C6571	C6610	0.47	22	28	25	170	1.0	210
C6572	C6611	0.56	22	28	25	150	1.3	210
C6573	C6612	0.68	22	28	25	120	1.4	210
C6574	C6613	0.82	22	28	25	110	1.6	210
C6575	C6614	1.0	22	28	25	94	1.6	210
C6576	C6615	1.2	19	25	7.9	94	1.7	170
C6577	C6616	1.5	19	25	7.9	94	1.7	170
C6578	C6617	1.8	19	25	7.9	85	1.8	170
C6579	C6618	2.2	19	25	7.9	77	1.8	120
C6580	C6619	2.7	19	25	7.9	72	1.8	120
C6581	C6620	3.3	19	25	7.9	64	1.8	85
C6582	C6621	3.9	19	25	7.9	60	3.3	85
C6583	C6622	4.7	19	25	7.9	54	3.3	85
C6584	C6623	5.6	19	25	7.9	51	3.5	85
C6585	C6624	6.8	19	25	7.9	43	4.3	85
C6586	C6625	8.2	19	25	7.9	34	5.2	85
C6587	C6626	10.0	19	25	7.9	26	6.4	85

**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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