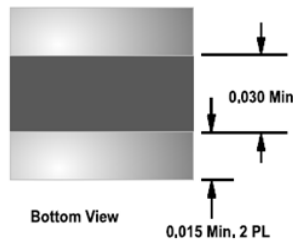
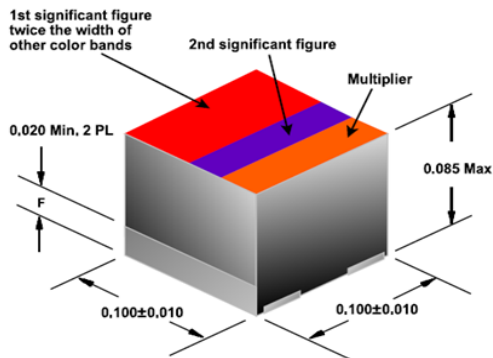


C4000 Series

Fixed Chip Inductor



Tape & Reel (additional charge)	
Type	Reel (Qty)
No Tabs	2,000

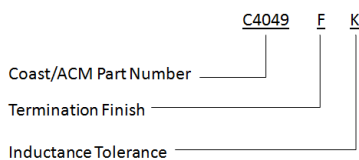
FEATURES

- 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
- Weight: 0.5 grams maximum
- Military Application: Available to MIL-PRF-83446/MIL-PRF-27
- Space Application: Available to MIL-STD-981

Part or Identifying Number (PIN):



F: Termination Finish

A: Gold F: Tin-lead

K: Inductance Tolerance

M: ±20% K: ±10% J: ±5%
H: ±3% G: ±2% I: ±1%

C/ACM P/N	Inductance ±10% (μH)	Q Min	Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ω)	Current Max (mA)
C4001	0.12 ±10%	30	25	750	0.125	880
C4002	0.15 ±10%	25	25	650	0.175	745
C4003	0.18 ±10%	25	25	550	0.200	695
C4004	0.22 ±10%	25	25	450	0.220	665
C4005	0.27 ±10%	25	25	375	0.230	650
C4007	0.39 ±10%	22	25	235	0.240	635
C4008	0.47 ±10%	22	25	215	0.260	610
C4009	0.56 ±10%	22	25	195	0.278	590
C4010	0.68 ±10%	22	25	175	0.520	435
C4012	1.0 ±10%	22	25	145	0.540	425
C4013	1.2 ±10%	22	7.9	130	0.740	360
C4014	1.5 ±10%	22	7.9	115	0.840	340
C4015	1.8 ±10%	22	7.9	105	0.920	325
C4017	2.7 ±10%	24	7.9	77	1.15	290
C4018	3.3 ±10%	24	7.9	70	1.40	260
C4019	3.9 ±10%	24	7.9	68	1.55	250
C4020	4.7 ±10%	24	7.9	60	1.80	230
C4022	6.8 ±10%	22	7.9	50	2.20	210
C4023	8.2 ±10%	22	7.9	48	2.50	195
C4024	10.0 ±10%	24	7.9	40	3.45	165
C4025	12.0 ±10%	25	2.5	35	3.80	160
C4027	18.0 ±10%	25	2.5	28	5.80	130
C4028	22.0 ±10%	25	2.5	25	6.40	125
C4029	27.0 ±10%	25	2.5	22	6.90	120
C4030	0.010 ±20%	60	50	2700	0.060	1270
C4032	0.022 ±20%	50	50	1800	0.108	950
C4033	0.033 ±20%	48	50	1450	0.120	900
C4034	0.047 ±20%	42	50	1220	0.145	820
C4035	0.068 ±20%	36	50	1000	0.195	705
C4037	0.010 ±10%	60	50	2700	0.060	1270
C4038	0.012 ±10%	57	50	2450	0.069	1190
C4039	0.015 ±10%	55	50	2200	0.078	1110
C4040	0.018 ±10%	52	50	2000	0.093	1030
C4042	0.027 ±10%	49	50	1625	0.114	925
C4043	0.033 ±10%	48	50	1450	0.120	900
C4044	0.039 ±10%	45	50	1335	0.133	860
C4045	0.047 ±10%	42	50	1220	0.145	820
C4047	0.068 ±10%	36	50	1000	0.195	705
C4048	0.082 ±10%	34	50	915	0.212	675
C4049	0.100 ±10%	32	50	830	0.230	650



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