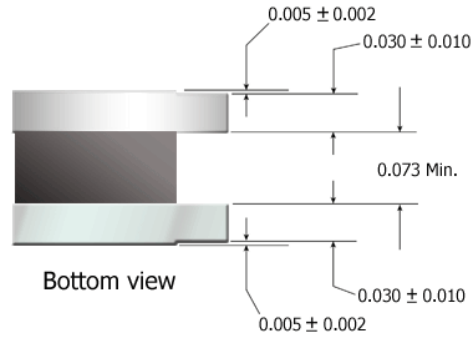
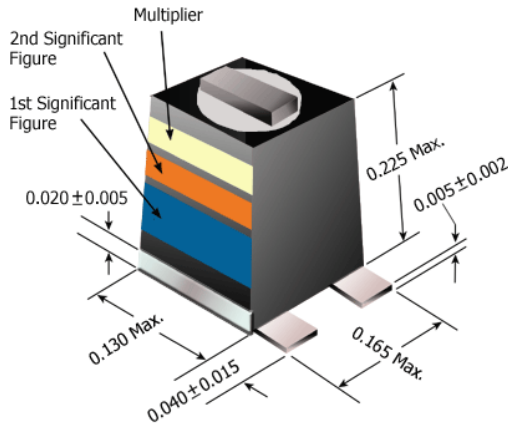


C9000 Series

Variable Chip Inductor



Part Number	Description
TT9000	Tuning Tool

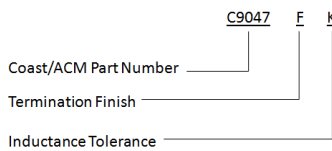
FEATURES

- 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%

With Tabs C/ACM P/N	Without Tabs C/ACM P/N	Inductance (µH)			Q Min at L Nom	Q Typ at L Nom	Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ω)	Current Max (mA)
		Min	Nom	Max						
C9001	C9048	0.015	0.018	0.021	50	60	150	1200	0.03	750
C9002	C9049	0.018	0.022	0.026	55	65	150	1100	0.03	750
C9003	C9050	0.022	0.027	0.032	55	65	150	1000	0.03	750
C9004	C9051	0.027	0.033	0.039	55	65	150	900	0.04	750
C9005	C9052	0.033	0.039	0.047	55	65	150	750	0.04	750
C9006	C9053	0.039	0.047	0.056	55	65	100	660	0.04	750
C9007	C9054	0.047	0.056	0.068	55	65	100	610	0.05	700
C9008	C9055	0.055	0.068	0.083	55	65	100	550	0.05	700
C9009	C9056	0.067	0.082	0.099	55	65	100	520	0.06	645
C9010	C9057	0.080	0.100	0.120	55	65	100	490	0.06	645
C9011	C9058	0.096	0.120	0.144	50	60	50	460	0.07	600
C9012	C9059	0.12	0.15	0.18	50	60	50	430	0.08	560
C9013	C9060	0.14	0.18	0.22	50	60	50	385	0.09	525
C9014	C9061	0.17	0.22	0.27	45	51	50	330	0.10	500
C9015	C9062	0.21	0.27	0.33	45	51	50	300	0.15	400
C9016	C9063	0.26	0.33	0.40	45	51	50	275	0.19	360
C9017	C9064	0.32	0.39	0.47	40	50	50	240	0.25	300
C9018	C9065	0.37	0.47	0.57	40	50	25	210	0.30	280
C9019	C9066	0.46	0.56	0.68	40	50	25	190	0.40	250
C9020	C9067	0.54	0.68	0.82	40	50	25	165	0.60	200
C9021	C9068	0.68	0.82	1.00	40	50	25	155	0.70	180
C9022	C9069	0.75	1.00	1.25	40	50	25	140	0.90	160
C9023	C9070	0.70	1.20	1.50	35	44	25	125	1.1	150
C9024	C9071	1.13	1.50	1.87	30	38	7.9	115	1.3	135
C9025	C9072	1.35	1.80	2.25	30	38	7.9	105	1.7	120
C9026	C9073	1.65	2.20	2.75	30	38	7.9	100	2.3	100
C9027	C9074	2.02	2.70	3.37	25	35	7.9	85	3.0	90
C9028	C9075	2.48	3.30	4.12	25	35	7.9	75	3.9	80
C9029	C9076	2.92	3.9	4.87	25	33	7.9	47	3.9	80
C9030	C9077	3.52	4.7	5.88	25	33	7.9	30	3.9	80
C9031	C9078	4.2	5.6	7.0	22	30	7.9	24	4.0	75
C9032	C9079	5.1	6.8	8.5	22	30	7.9	23	4.0	75
C9033	C9080	6.1	8.2	10.2	22	30	7.9	22	4.5	72
C9034	C9081	7.5	10.0	12.5	22	30	7.9	21	4.5	72
C9035	C9082	9.0	12.0	15.0	22	30	7.9	17	5.0	70
C9036	C9083	11.2	15.0	18.7	22	30	2.5	15	6.0	65
C9037	C9084	13.5	18.0	22.5	22	30	2.5	14	8.0	55
C9038	C9085	16.5	22.0	27.5	22	30	2.5	13	10.0	50
C9039	C9086	20.2	27.0	31.3	22	30	2.5	11	11.0	45
C9040	C9087	24.7	33.0	41.2	22	30	2.5	10	13.0	43
C9041	C9088	29.2	39.0	48.8	22	30	2.5	9	14.0	42
C9042	C9089	35.2	47.0	58.8	22	30	2.5	8	15.0	40
C9043	C9090	42.0	56.0	70.0	22	30	2.5	7	19.0	36
C9044	C9091	51.0	68.0	85.0	22	30	2.5	6	24.0	32
C9045	C9092	62.0	82.0	102.0	25	33	2.5	5	31.0	28
C9046	C9093	75.0	100.0	125.0	25	33	2.5	4	40.0	25
C9047	C9094	90.0	120.0	150.0	25	33	2.5	3	50.0	22



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