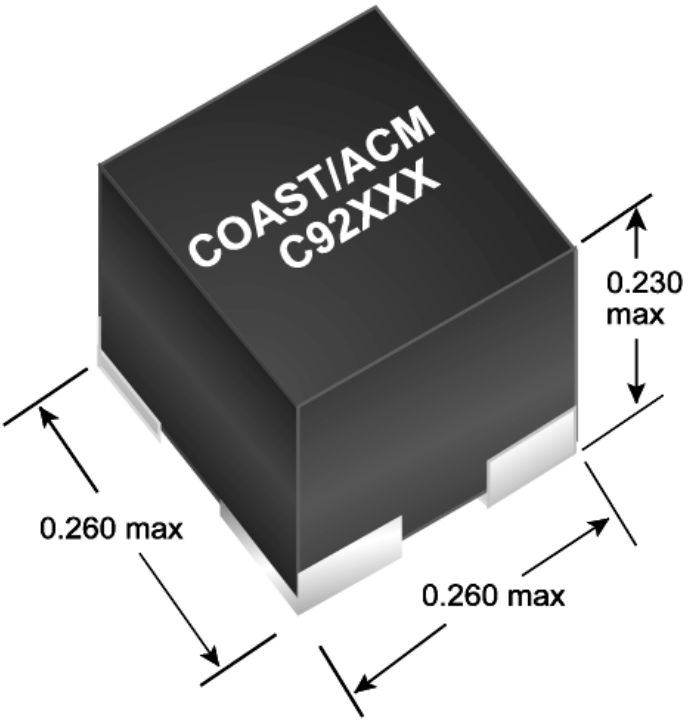
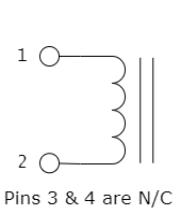
Power Inductors – C92000A Series

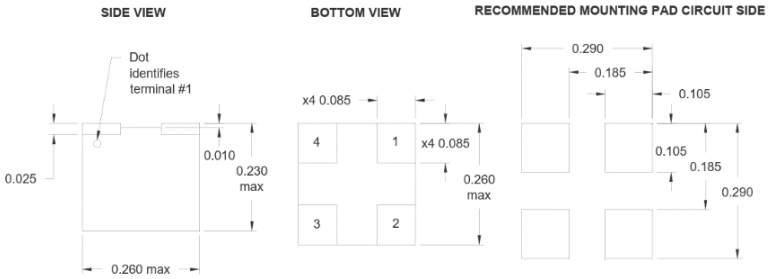




BACK-SIDE VIEW



IN	MM
0.290	7.37
0.260	6.60
0.230	5.84
0.185	4.70
0.105	2.67
0.085	2.16
0.025	0.64
0.010	0.25



SPECIFICATIONS

- **Inductance:** 15 µH to 3000 µH
- **Standard Tolerance:** ±10%
- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -60°C to +130°C
- **Standard Termination Finish:** Tin-lead
- **Weight:** 35.4 gram, maximum

FEATURES

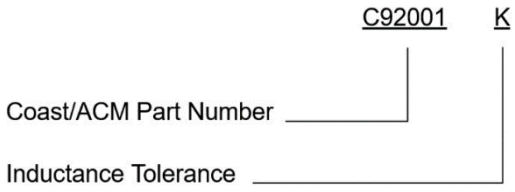
- Transfer Molded Package
- Marking: Laser or Ink
- Leadless device for minimum footprint
- Internal Welded Terminations
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Termination Finish Options available (additional charge)
- Tighter Tolerances available (additional charge)
- Tape and Reel Packaging available (additional charge)
  Full Reel Quantity (Small): 300 pieces
  Full Reel Quantity (Large): 1000 pieces
- Available for Military Application per MIL-PRF-27 (see 92000A Series)
- Available for Space Application per MIL-STD-981 (see S92000A Series)

APPLICATIONS

Designed for optimal performance in commercial applications, these inductors ensure consistent electrical behavior, maintaining signal integrity and reducing interference.

Suitable for telecommunications, consumer electronics, and industrial automation, they offer both reliability and precision. Robust construction ensures longevity, positioning these inductors as a preferred choice for diverse commercial endeavors.

PART IDENTIFYING NUMBER



K: Inductance Tolerance
M: ±20% K: ±10% J: ±5%

Power Inductors – C92000A Series

C/ACM P/N	Inductance ±10 percent (µH)	DCR (max) ohms	Current (max) mA
C92101	15	0.11	820
C92102	18	0.12	750
C92103	20	0.15	720
C92104	22	0.16	690
C92105	25	0.17	650
C92106	27	0.18	610
C92107	30	0.22	580
C92108	33	0.25	550
C92109	39	0.27	520
C92110	47	0.30	460
C92111	50	0.32	440
C92112	56	0.33	430
C92113	68	0.36	390
C92114	75	0.38	370
C92115	82	0.39	350
C92116	100	0.71	320
C92117	120	0.78	290
C92118	150	0.88	260
C92119	180	1.20	240
C92120	200	1.25	230
C92121	220	1.3	220
C92122	250	1.6	200
C92123	270	1.8	190
C92124	300	1.9	180
C92125	330	2.0	170
C92126	350	2.5	165
C92127	390	2.8	160
C92128	470	3.0	140
C92129	500	3.1	135
C92130	560	3.3	130
C92131	680	4.7	120
C92132	750	5.1	115
C92133	820	5.2	110
C92134	1000	7.3	100
C92135	1200	8.0	93
C92136	1500	11.0	83
C92137	1800	12.1	75
C92138	2000	15.0	70
C92139	2200	16.8	68
C92140	2700	18.6	62
C92141	3000	24.7	59