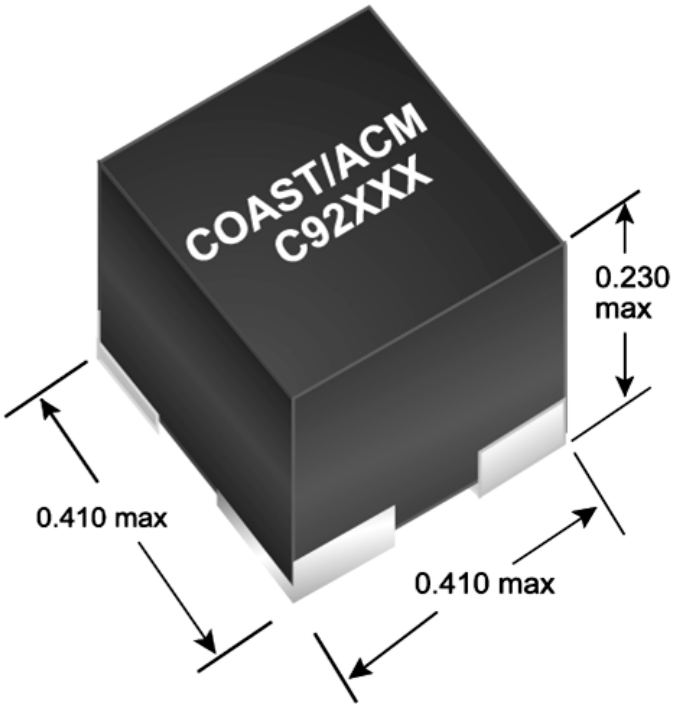
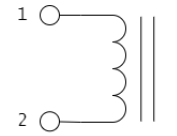
Power Inductors – C92000B Series

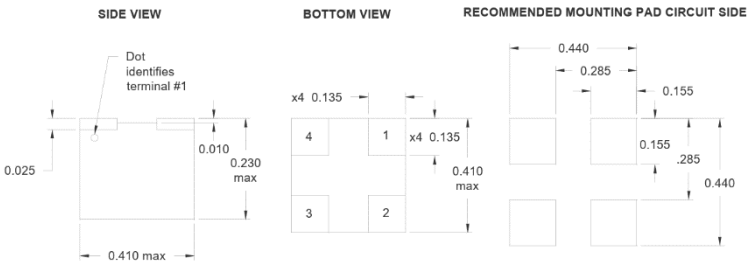




BACK-SIDE VIEW



IN	MM
0.440	11.18
0.410	10.41
0.285	7.24
0.230	5.84
0.155	3.94
0.135	3.43
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

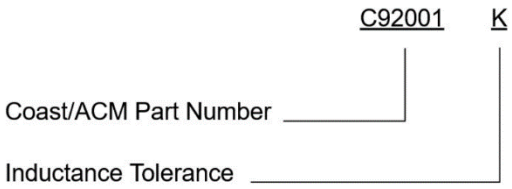
- Transfer Molded Package
- Marking: Laser or Ink
- Leadless device for minimum footprint
- Internal Welded Terminations
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Termination Finish Options available (additional charge)
- Tighter Tolerances available (additional charge)
- Tape and Reel Packaging available (additional charge)
  - Full Reel Quantity (Small): 200 pieces
  - Full Reel Quantity (Large): 650 pieces
- Available for Military Application per MIL-PRF-27 (see 92000B Series)
- Available for Space Application per MIL-STD-981 (see S92000B 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 – C92000B Series

C/ACM P/N	Inductance ±10 percent (µH)	DCR (max) ohms	Current (max) mA
C92201	15	0.069	1460
C92202	18	0.073	1380
C92203	20	0.078	1300
C92204	22	0.081	1240
C92205	25	0.100	1180
C92206	27	0.114	1130
C92207	30	0.120	1050
C92208	33	0.130	1000
C92209	39	0.177	920
C92210	47	0.196	830
C92211	50	0.200	800
C92212	56	0.209	780
C92213	68	0.263	710
C92214	75	0.285	670
C92215	82	0.315	640
C92216	100	0.443	580
C92217	120	0.484	530
C92218	150	0.694	470
C92219	180	0.760	430
C92220	200	0.800	410
C92221	220	0.84	390
C92222	250	1.00	370
C92223	270	1.18	350
C92224	300	1.22	330
C92225	330	1.29	320
C92226	350	1.50	300
C92227	390	1.76	290
C92228	470	1.94	260
C92229	500	2.00	250
C92230	560	2.12	240
C92231	680	2.88	220
C92232	750	3.00	210
C92233	820	3.16	200
C92234	1000	4.42	180
C92235	1200	4.84	160
C92236	1500	7.10	140
C92237	1800	7.77	120
C92238	2000	8.00	115
C92239	2200	8.58	112
C92240	2700	12.11	110
C92241	3000	13.00	100