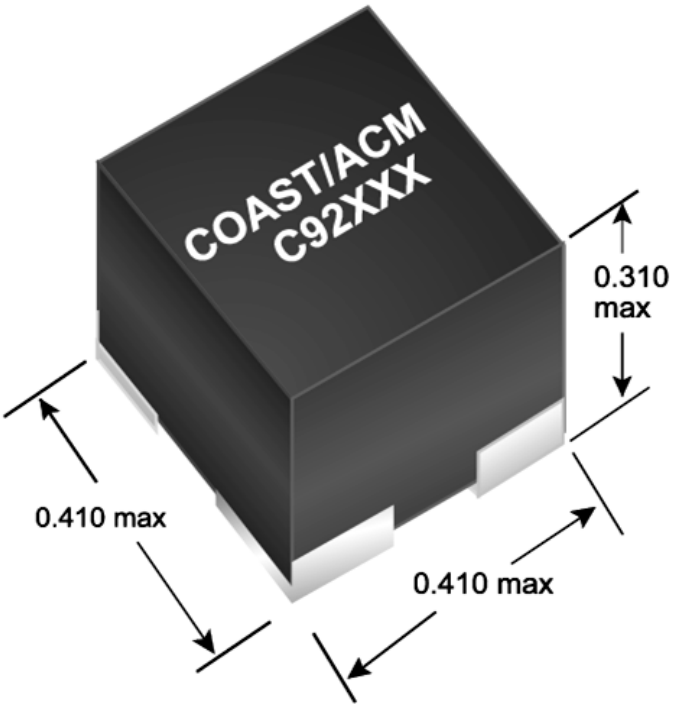
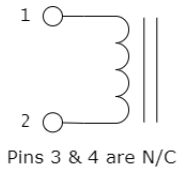
Power Inductors – C92000C Series



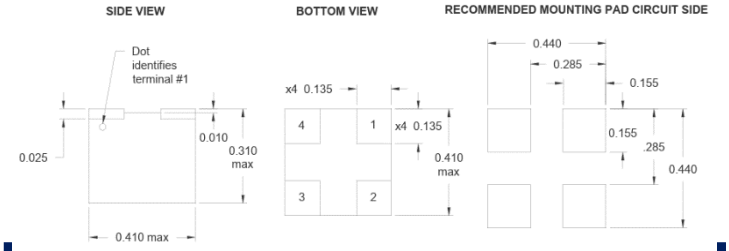


BACK-SIDE VIEW



Pins 3 & 4 are N/C

IN	MM
0.440	11.18
0.410	10.41
0.310	7.87
0.285	7.24
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 Marking
- 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 92000C Series)
- Available for Space Application per MIL-STD-981 (see S92000C 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

C92001 K

Coast/ACM Part Number

Inductance Tolerance

K: Inductance Tolerance

M: ±20% K: ±10% J: ±5%

Power Inductors – C92000C Series

C/ACM P/N	Inductance ±10 percent (µH)	DCR (max) ohms	Current (max) mA
C92301	15	0.035	2000
C92302	18	0.047	1900
C92303	20	0.051	1700
C92304	22	0.055	1600
C92305	25	0.064	1550
C92306	27	0.074	1500
C92307	30	0.078	1420
C92308	33	0.083	1350
C92309	39	0.088	1300
C92310	47	0.119	1100
C92311	50	0.125	1050
C92312	56	0.131	1000
C92313	68	0.188	950
C92314	75	0.203	920
C92315	82	0.218	890
C92316	100	0.284	800
C92317	120	0.312	730
C92318	150	0.429	650
C92319	180	0.478	590
C92320	200	0.501	565
C92321	220	0.524	540
C92322	250	0.630	510
C92323	270	0.737	480
C92324	300	0.780	450
C92325	330	0.824	430
C92326	350	0.977	415
C92327	390	1.13	400
C92328	470	1.25	360
C92329	500	1.3	340
C92330	560	1.35	330
C92331	680	1.88	300
C92332	750	1.97	290
C92333	820	2.07	280
C92334	1000	2.88	250
C92335	1200	3.15	230
C92336	1500	4.35	200
C92337	1800	4.74	180
C92338	2000	5.69	175
C92339	2200	6.64	170
C92340	2700	7.38	150
C92341	3000	7.72	140