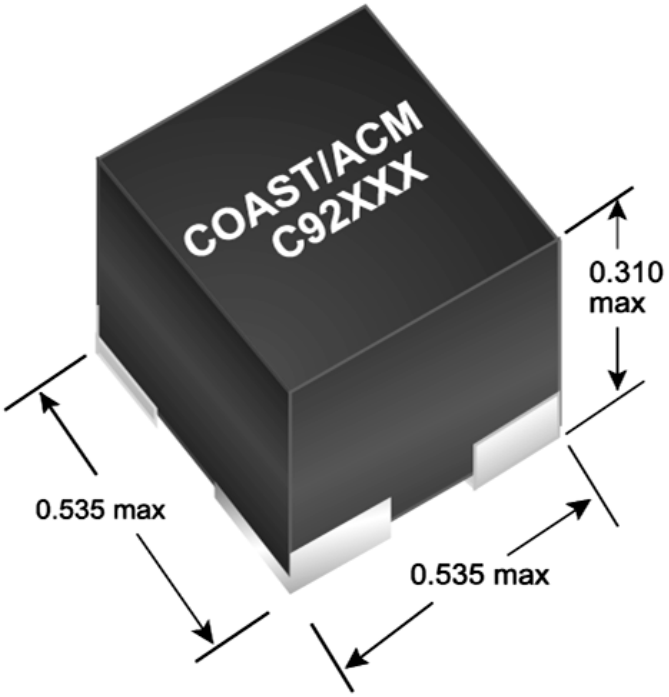
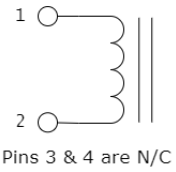
Power Inductors – C92000D Series





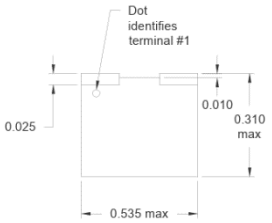
BACK-SIDE VIEW



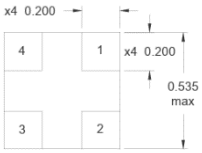
Pins 3 & 4 are N/C

IN	MM
0.565	14.35
0.535	13.59
0.345	8.76
0.310	7.87
0.220	5.59
0.200	5.08
0.025	0.64
0.010	0.25

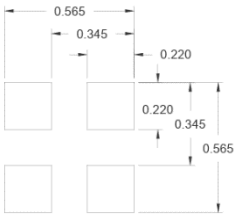
SIDE VIEW



BOTTOM VIEW



RECOMMENDED MOUNTING PAD CIRCUIT SIDE



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): 125pieces
  Full Reel Quantity (Large): 300 pieces
- Available for Military Application per MIL-PRF-27 (see 92000D Series)
- Available for Space Application per MIL-STD-981 (see S92000D 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 – C92000D Series

C/ACM P/N	Inductance ±10 percent (µH)	DCR (max) ohms	Current (max) mA
C92401	15	0.0221	2760
C92402	18	0.0289	2300
C92403	20	0.0349	2250
C92404	22	0.0400	2200
C92405	25	0.0422	2100
C92406	27	0.0444	2000
C92407	30	0.0466	1900
C92408	33	0.0489	1800
C92409	39	0.0676	1600
C92410	47	0.0760	1400
C92411	50	0.089	1350
C92412	56	0.102	1300
C92413	68	0.113	1200
C92414	75	0.118	1150
C92415	82	0.123	1100
C92416	100	0.174	1000
C92417	120	0.192	920
C92418	150	0.268	830
C92419	180	0.289	760
C92420	200	0.351	720
C92421	220	0.413	680
C92422	250	0.434	650
C92423	270	0.456	620
C92424	300	0.480	590
C92425	330	0.505	560
C92426	350	0.599	530
C92427	390	0.693	510
C92428	470	0.755	470
C92429	500	0.887	450
C92430	560	1.02	430
C92431	680	1.13	390
C92432	750	1.34	370
C92433	820	1.56	350
C92434	1000	1.75	320
C92435	1200	1.89	290
C92436	1500	2.70	260
C92437	1800	2.96	240
C92438	2000	3.11	220
C92439	2200	3.27	210
C92440	2700	4.59	190
C92441	3000	4.93	180