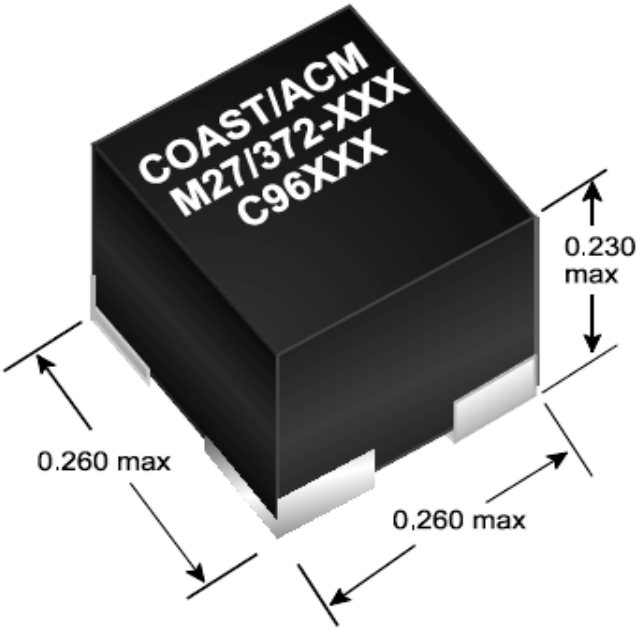
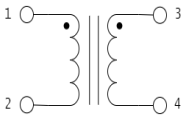
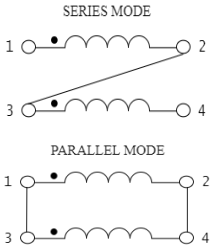
Power Inductors – C96000A Series



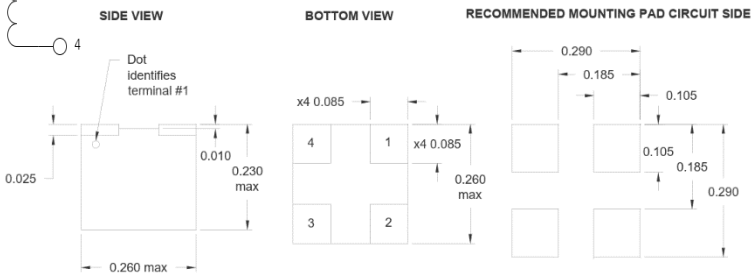


BACK-SIDE VIEW





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:** 0.1 mH to 10 mH (Series)
  0.025 mH to 2.5 mH (Parallel)
- **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

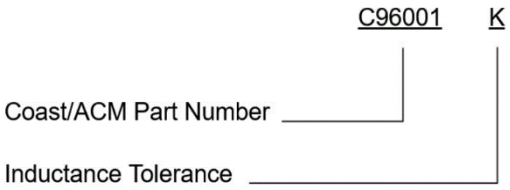
- Transfer Molded Package
- Marking: Laser or Ink
- Leadless device for minimum footprint
- Internal Welded Terminations
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Tape and Reel Packaging available (additional charge)
  Full Reel Quantity (Small): 300 pieces
  Full Reel Quantity (Large): 1000 pieces
- Available for Military Application per r MIL-PRF-27/372A (see 96000A Series)
- Available for Space Application per MIL-STD-981 (see S96000A 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 – C96000A Series

C/ACM P/N	Series			Parallel			Power Rating (mW)
	Inductance (mH) ±10 percent	Rated DC Current (mA)	DC Resistance Max (Ω)	Inductance (mH) ±10 percent	Rated DC Current (mA)	DC Resistance Max (Ω)	
C96001	0.100	300	1.60	0.025	600	0.400	125
C96005	0.250	200	3.11	0.062	400	0.778	125
C96009	0.500	150	6.14	0.125	300	1.535	125
C96013	0.750	120	9.45	0.187	240	2.363	125
C96017	1.000	95	12.85	0.250	190	3.213	125
C96021	2.000	75	25.60	0.500	150	6.400	125
C96025	3.000	60	38.40	0.750	120	9.600	125
C96029	5.000	45	64.00	1.250	90	16.000	125
C96033	7.500	30	96.00	1.875	60	24.000	125
C96037	10.000	20	128.00	2.500	40	32.000	125