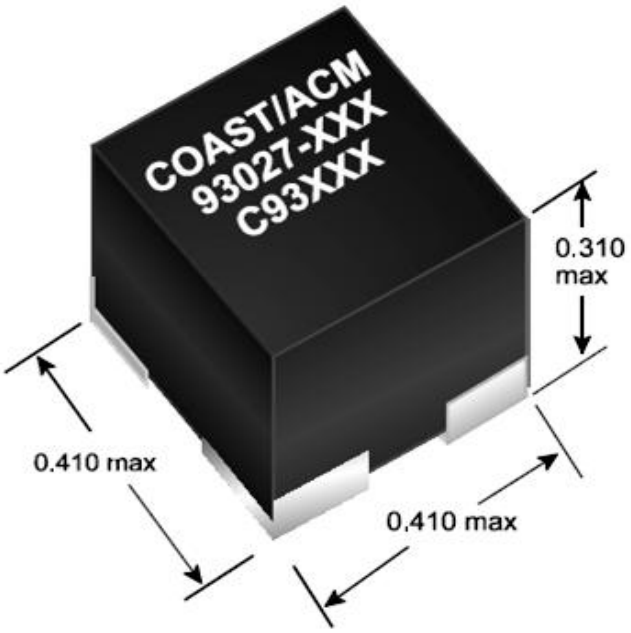
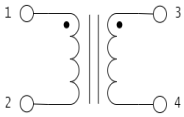
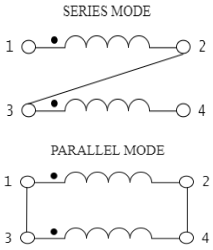
Power Inductors – C93000C Series



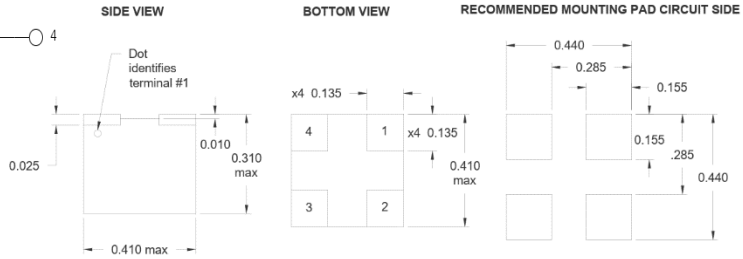


BACK-SIDE VIEW





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:** 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

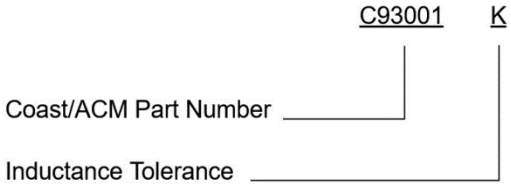
- Transfer Molded Package
- Marking: Laser or Ink
- Leadless device for minimum footprint
- Internal Welded Terminations
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Tighter Tolerances available (additional charge)
- Tape and Reel Packaging available (additional charge)
  Full Reel Quantity (Small): 200 pieces
  Full Reel Quantity (Large): 650 pieces
- Available for Military Application per MIL-PRF-27 (see 93000C Series)
- Available for Space Application per MIL-STD-981 (see S93000C 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 – C93000C 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)	
C93003	0.100	780	0.37	0.025	1560	0.093	300
C93007	0.250	530	0.82	0.062	1060	0.205	300
C93011	0.500	380	1.62	0.125	760	0.405	300
C93015	0.750	310	2.50	0.187	620	0.625	300
C93019	1.000	270	3.37	0.250	540	0.843	300
C93023	2.000	190	6.75	0.500	380	1.690	300
C93027	3.000	160	10.12	0.750	320	2.530	300
C93031	5.000	120	16.87	1.250	240	4.220	300
C93035	7.500	100	25.37	1.875	200	6.350	300
C93039	10.000	80	33.75	2.500	160	8.440	300