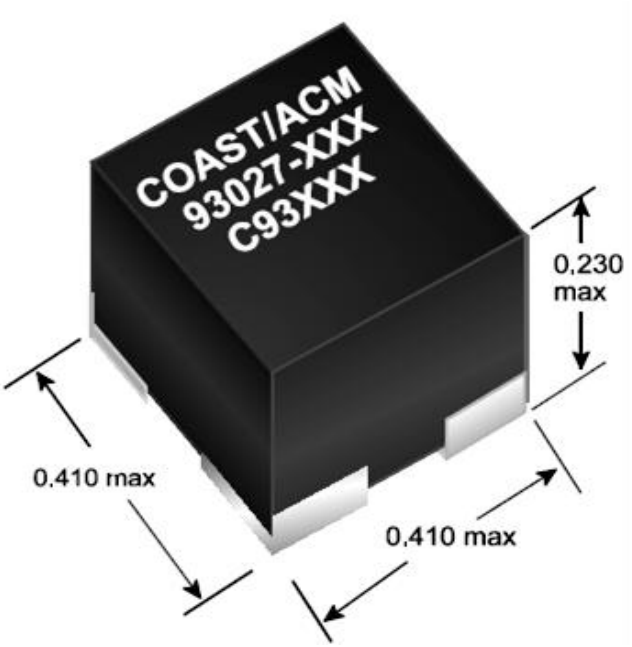
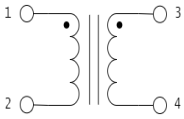
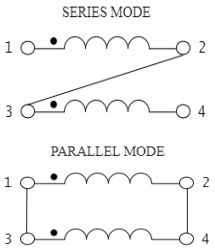
Power Inductors – C93000B Series



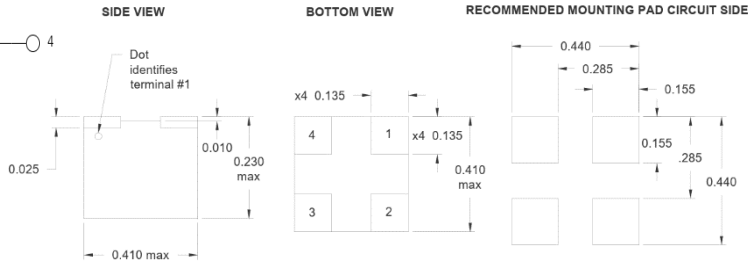


BACK-SIDE VIEW





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:** 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 93000B Series)
- Available for Space Application per MIL-STD-981 (see S93000B 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

C93001 K

Coast/ACM Part Number

Inductance Tolerance

K: Inductance Tolerance

M: ±20% K: ±10% J: ±5%

Power Inductors – C93000B 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)	
C93001	0.100	300	1.60	0.025	600	0.400	125
C93005	0.250	200	3.11	0.062	400	0.778	125
C93009	0.500	150	6.14	0.125	300	1.535	125
C93013	0.750	120	9.45	0.187	240	2.363	125
C93017	1.000	95	12.85	0.250	190	3.213	125
C93021	2.000	75	25.60	0.500	150	36.400	125
C93025	3.000	60	38.40	0.750	120	9.600	125
C93029	5.000	45	64.00	1.250	90	16.000	125
C93033	7.500	30	96.00	1.875	60	24.000	125
C93037	10.000	20	128.00	2.500	40	32.000	125