

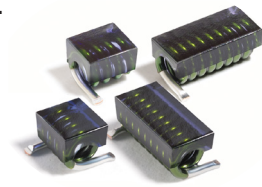
Extreme Temperature Inductors



Coilcraft CPS offers magnetic components suitable for extremely high temperature applications. Constructed with high-grade materials specifically designed for extreme temperatures, these parts perform in environments unsuitable for other coils.

Air-core Inductors

Our “spring” air-core inductors feature an extended temperature range (-60°C to $+200^{\circ}\text{C}$ or $+240^{\circ}\text{C}$). They offer exceptionally high Q and the convenience of a surface mount package.



Extreme-temperature Coil

Our AT549RBT coil is designed for temperatures as high as 300°C , making it suitable for down-hole drilling and other extreme temperature applications.

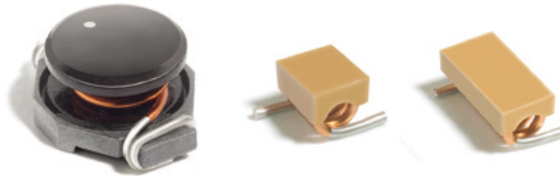


Power Inductors

Coilcraft CPS power inductors offer a temperature range of -55°C to $+200^{\circ}\text{C}$. They are designed to meet the requirements of a variety of automotive and aerospace applications.



Extreme Temperature Inductors



Inductor	Size (L x W x H)	Inductance
AT563PKA 200°C Power Inductor	13.2 x 9.91 x 6.1 mm	0.30 – 150 µH
AT426RAT 200°C Air Core Inductors	3.94 x 4.19 x 2.01 mm	5.5 – 13.0 nH
AT446RAT 200°C Air Core Inductors	6.86 x 4.19 x 2.01 mm	16.0 – 27.0 nH
AT350RAT 200°C Air Core Inductors	2.41 x 3.43 x 1.52 mm	1.65 – 5.4 nH
AT394RAT 200°C Air Core Inductors	4.19 x 3.43 x 1.58 mm	5.60 – 12.55 nH
AT439RAT 200°C Air Core Inductors	3.94 x 4.45 x 3.15 mm	2.50 – 18.5 nH
AT470RAT 200°C Air Core Inductors	6.86 x 4.45 x 3.15 mm	17.5 – 43.0 nH
AT475RAT 200°C Air Core Inductors	4.95 x 6.35 x 4.20 mm	22.0 – 150 nH
AT392RAS 240°C Air Core Inductors	1.48 – 2.97 x 2.13 x 1.83 mm	8.1 – 27.3 nH
AT549RBT 300°C Extreme Temperature Inductor	15.24 x 7.62 x 4.32 mm	1.0 µH

Visit www.coilcraft-cps.com/high-temp for details on these and other parts suitable for use in extended temperature range environments