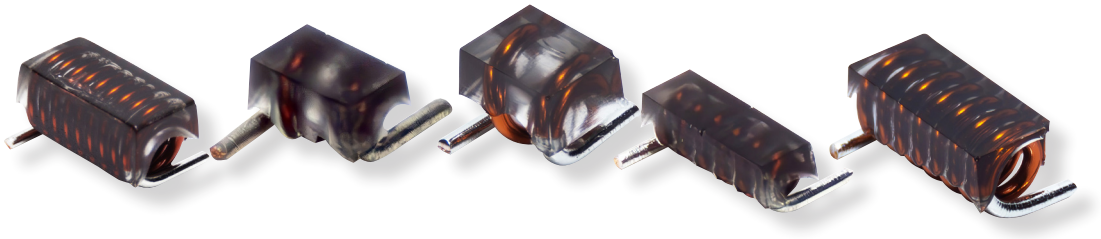
BOURNS®

NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New Air Coil Inductors

AC1060R, AC2213R, AC3630R, AC4013R and AC6830R Series

Riverside, California – April 4, 2025 – Bourns Magnetics Product Line is introducing the new AC1060R, AC2213R, AC3630R, AC4013R, and AC6830R Series Air Coil Inductors. These Air Coil Inductors feature tight tolerances and the epoxy covers for mechanical stability make them suitable for pick-and-place processes for surface mount designs.

The AC1060R, AC2213R, AC3630R, AC4013R, and AC6830R Series have an operating temperature range of -25 °C to +125 °C and are well-suited for use in high frequency television and radio receivers, radio transmitters, RF amplifiers and tuning applications.

Characteristics:

Series	Size (mm)	Inductance (nH)	Q	DCR (mΩ)	Rated Current (A)	Operating Temperature (°C)
AC1060R	10.55 x 6.35 x 5.9	90 – 538	87 – 95	15 – 90	2 – 3.5	-25 to +125
AC2213R	2.21 x 1.42 x 1.37	1.65 – 5.45	100	4 – 8	1.6	-25 to +125
AC3630R	3.68 x 3.05 x 3.18	2.5 – 18.5	132 – 145	1.1 – 3.9	4	-25 to +125
AC4013R	4.04 x 1.42 x 1.37	5.6 – 12.55	100	9 – 14	1.6	-25 to +125
AC6830R	6.86 x 3.05 x 3.18	17.5 – 43	100 – 112	4.5 – 7.9	4	-25 to +125

Please visit the Bourns website at bourns.com for additional product details and contact Bourns Customer Service/Inside Sales if you have any questions.

Features

- High Q value – self-resonant frequency
- Tight tolerance
- Epoxy cover for mechanical stability and pick & place processes
- Surface mount
- RoHS compliant*

Applications

- High frequency television and radio receivers
- Radio transmitters
- RF amplifiers
- Tuning applications

Additional Information

DATA SHEETS | PRODUCT SELECTOR | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT

* *RoHS Directive 2015/863, Mar 31, 2015 and Annex.*

IC24032

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