BOURNS®

NEW PRODUCT **RELEASE**

MAGNETICS



Bourns Releases New Air Coil Inductors

AC3028SQ, AC5037SQ, ACXX14SQ, ACXX15SQ, and ACXX18SQ Series

Riverside, California - January 28, 2026 – Bourns Magnetics Product Line is introducing the new Air Coil Inductors AC3028SQ, AC5037SQ, ACXX14SQ, ACXX15SQ, and ACXX18SQ Series.

These Air Coil Inductors feature inductance ranges from 5.5 to 82 nH and up to 230 Q value, tight tolerance values of 2 % and 5 %, DCR values ranging from 3.4 to 12 mΩ max., and rated current values from 2.7 to 5.6 A. Additionally, their flat top and bottom for mechanical stability make them suitable for pick-and-place processes in surface mount designs.

These new series offer an operating temperature range from -25 °C to +125 °C and are well-suited for high frequency TV and radio receivers, radio transmitters, RF amplifier and tuning applications.

Characteristics:

Series	Size (mm)	Inductance (µH)	Q	Rated Current (A)	Operating Temperature (°C)
AC3028SQ	2.67~3.30 x 2.67 x 2.79	27 – 47	200	4.4 – 5.5	-25 to +125
AC5037SQ	4.06~5.84 x 3.56 x 3.73	47 – 82	230	4.9 – 5.6	
ACXX14SQ	1.30~2.59 x 1.83 x 1.40	5.5 – 19.4	60 - 90	2.9	
ACXX15SQ	1.30~2.59 x 1.83 x 1.52	6.9 – 22	90 - 100	2.7	
ACXX18SQ	1.47~2.97 x 2.13 x 1.83	8.1 - 33	90 - 130	4.4	

Please visit the Bourns website at www.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
- Flat top and bottom for mechanical stability and pick & place processes
- Surface mount
- RoHS compliant*

Applications

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

Additional Information

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

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

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Americas: Tel +1-951 781-5500 americus@bourns.com

EMEA: Tel +36 88 885 877 eurocus@bourns.com

Asia-Pacific: Tel +886-2 256 241 17 asiacus@bourns.com

Mexico: Tel +52 614 478 0400 mexicus@bourns.com