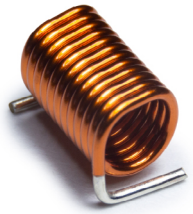
BOURNS®

NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New ACXX57SQ Series Air Coil Inductors

Riverside, California - September 17, 2026 – Bourns introduces the ACXX57SQ Series Air Coil Inductors for high-frequency television and radio receivers, radio transmitters, RF amplifiers, and tuning circuits. The surface mount series features flat top and flat bottom surfaces for mechanical stability and automated pick-and-place assembly.

The series provides inductance values from 90 nH to 300 nH with tolerance options of ±2 % and ±5 %, a typical Q value of 140, and minimum self-resonant frequencies from 0.72 GHz to 1.15 GHz. Maximum DCR values range from 5.5 mΩ to 13.8 mΩ, and maximum rated currents range from 3.7 A to 5.7 A. The operating temperature range is -25 °C to +125 °C.

Series	Inductance Range		Q Typ.	Test Frequency (MHz)	DCR Range (mΩ) Max.	SRF Range (GHz) Min.	Rated Current Range (A) Max.
	L (nH)	Tolerance (%)					
ACXX57SQ	90 - 300	±2, ±5	140	50	5.5 - 13.8	0.72 - 1.15	3.7 - 5.7

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

For additional details, please visit www.bourns.com or contact Bourns Customer Service/Inside Sales.

Additional Information

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

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

IC26127

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