



# NEW PRODUCT RELEASE

## MAGNETICS



## Bourns Releases New Multilayer Power Chip Inductors CVH160808H Series

Riverside, California - October 28, 2025 – Bourns Magnetics Product Line is releasing the new [CVH160808H Series](#) Multilayer Power Chip Inductors. These new inductors feature an advanced multilayer technology to achieve a low profile while offering sufficient current capability for power applications.

The CVH160808H Series features a metal alloy-based core and monolithic construction, offering high reliability, low DC resistance, and high current capability in a compact form factor with a maximum profile of 0.8 mm.

The power chip inductors are well-suited for mobile devices, wearables, notebooks, tablets, and various communication devices.

### Characteristics:

Series	Size (mm)	Inductance (μH)	DCR (Ω)	Rated Current (mA)	Operating Temperature (°C)
CVH160808H	1.6 x 0.8 x 0.8	0.24 – 2.2	0.02 – 0.237	1300 – 4000	-40 to +125

Please visit the Bourns website at [www.bourns.com](http://www.bourns.com) for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

### Features

- Monolithic construction offering high reliability
- Low DC resistance
- High current
- RoHS compliant\* and halogen free\*\*

### Applications

- Mobile devices
- Wearable devices
- Notebooks/tablets
- Communication devices

### Additional Information

[DATA SHEET](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

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

\*\* Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

IC25197