



NEW PRODUCT RELEASE

MAGNETICS



Bourns Releases New High Power Storage Chokes

15323x Series – AC & DC Choke

Riverside, California - September 19, 2025 – Bourns Custom Magnetics Product Line is introducing the new [15323x High Power AC & DC Choke Series](#). The series is RoHS compliant* and ideal for use in AC and DC converter applications such as PV inverters, switched-mode power supplies, and bidirectional DC-DC stages in battery storage systems.

The 15323x High Power High Ripple (HPHR) Choke Series has a current rating of 13 A or 20 A, and an operating temperature range from -40 °C to +125 °C. These chokes are designed for high ripple applications. Due to the one-layer winding and low winding capacity, the 15323x Series can operate at a nominal inductance range from 300 to 1000 $\mu\text{H} \pm 20\%$.

Please see the table below for additional information regarding the available part numbers.

Bourns Part Number	Inductance L0 @ 10 kHz (mH $\pm 20\%$)	Rated Current (A)	Max. DC Resistance (m Ω)	Power (kW)	L Peak Current (mH)	Peak Current (A)
153230	1.0	13	34.0	6	0.6	16
153231	0.30	20	12.0	5	0.160	32

Samples and production quantities are now available.

For additional details on Bourns® magnetic products, visit the Bourns website at <https://www.bourns.com>. If you have questions or need additional information, please feel free to contact [Bourns Customer Service/Inside Sales](#).

Features

- One layer winding
- Low winding capacity
- Excellent cooling
- RoHS compliant*

Applications

- High Power High Ripple (HPHR)
- DC & AC inverters up to 12 kW
- High efficient SMPS
- Operation at high nominal voltage
- PV inverters

Additional Information

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

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

IC25152