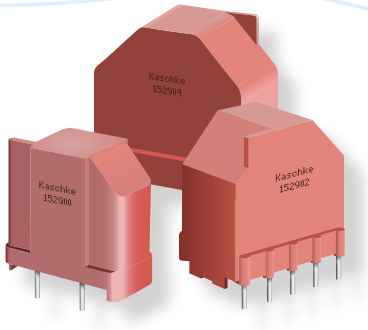


Bourns Releases New Low Loss PFC Chokes

Model 15290x Series

Riverside, California – January 31, 2025 – Bourns Custom Magnetics Product Line is introducing the new Model 15290x Series LP (Low Parasitic) PFC (Power Factor Correction) Chokes.

This series is ideal for use in a variety of applications such as power supplies, LED lighting converters, motor drives, industrial equipment, UPS systems, home appliances and renewable energy purposes for applications with up to 1 kW of power level.

The Model 15290x Series LP PFC Chokes have a current rating up to 4.5 A and an operating temperature range from -40 °C to +125 °C.

These PFC Chokes are designed in a plastic housing with low loss and low parasitic capacity. The series is RoHS compliant* and halogen free**.

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

Bourns Part Number	Nominal Current (A)	Inductance Lo (μH)	DC Resistance Max. (Ω)	Nominal Inductance Ldc (μH)
152900-000	2	600	0.26	520
152901-000	2	2250	0.35	1130
152902-000	2	1100	0.375	800
152903-000	2.5	600	0.22	540
152904-000	3	1750	0.21	780
152905-000	4	650	0.15	530
152906-000	3.5	1850	0.195	730
152907-000	3.5	900	0.192	600
152908-000	4.5	750	0.15	570

(Continued on page 2)

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.*

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Samples and production quantities are available now.

If you have questions or need additional information, please feel free to contact Bourns Customer Service/ Inside Sales.

Features

- Low loss design
- Low parasitic capacity
- Rated current up to 4.5 A
- Protected by plastic housing
- Designed to support IEC 61000-3-2
- Operates at high nominal voltage
- RoHS compliant* and halogen free**

Applications

- PFC boost stages
- Applications with power levels up to 1 kW
- Highly efficient SMPS

* *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.*