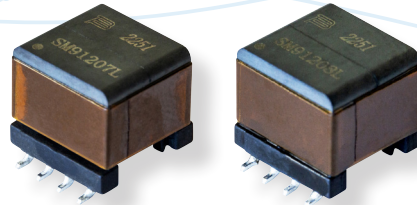




# NEW PRODUCT RELEASE

## TRANSFORMERS



## Bourns Releases New Push-Pull Isolation Power Transformers

### Model SM91207L and SM91208L

Riverside, California – April 19, 2024 – The Bourns Magnetics Product Line is pleased to introduce the new Model [SM91207L](#) and [SM91208L](#) Push-Pull Power Transformers. These compact size, high voltage isolation transformers are driven by 24 V input (SM91207L) and 12 V input (SM91208L), delivering 15 V up to 500 mA output. They can be configured in a variety of turns ratios.

These new transformers are designed to support isolated interface power for CAN, RS-485, RS-422, RS-232, SPI, I<sup>2</sup>C, and lower power LAN, and developed for use with Texas Instruments Model SN6507. These products meet IEC/UL 62368-1 requirements.

These power transformers feature functional insulation and a working voltage up to 400 VDC, Hi-Pot isolation voltage up to 2500 VAC and an extended operating temperature range of -40 to +125 °C.

Model	Input (V)	Primary Inductance (µH)	Size (mm)	Working Voltage (V)	Creepage Distance (mm)	Clearance Distance (mm)
SM91207L	24	430	13.2 x 11.8 x 11.6	400	Min. 2	Min. 2
SM91208L	12	130	13.2 x 11.8 x 11.6	400	Min. 2	Min. 2

For additional product details, visit the Bourns website at [www.bourns.com/products/magnetic-products/transformers-power](http://www.bourns.com/products/magnetic-products/transformers-power). For more information on Bourns® Magnetics, check out our additional available resources in the [Bourns® Magnetics Technical Library](#). Should you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

#### Features

- Compliant with IEC/UL 62368-1 standards
- Functional insulation for working voltage up to 400 VDC
- Hi-Pot voltage up to 2500 VAC
- Designed for isolation power supplies using TI Model SN6507
- RoHS compliant\*

#### Applications

- Photovoltaic inverters, protective relays, factory automation, low/medium risk medical equipment\*\*.
- Motor drivers: IGBT and SiC gate driver power supplies
- Isolation power supply for Controller Area Network (CAN), RS-485, RS-422, RS-232, SPI, I<sup>2</sup>C, low-power LAN

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

\*\* Bourns® products have not been designed for and are not intended for use in "lifesaving," "life-critical" or "life-sustaining" applications nor any other applications where failure or malfunction of the Bourns® product may result in personal injury or death. See Legal Disclaimer Notice <http://www.bourns.com/docs/legal/disclaimer.pdf>.

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