



Bourns Releases New AEC-Q200 Compliant BMS Signal Transformer

Model SM91514AL

Riverside, California – April 15, 2021 – Bourns Magnetics Product Line is pleased to introduce the [Model SM91514AL](#) AEC-Q200 compliant BMS (Battery Management System) Signal Transformer. This single channel functional insulation transformer includes common mode chokes for noise rejection in BMS applications.

The Model SM91514AL was developed for use with the NXP Model MC33771C series and the Maxim Model Max17853. The full automation of each key manufacturing process for this model, including pin winding and laser stripping, results in a superior quality product. This BMS transformer offers a working voltage up to 1000 Vdc and Hi-Pot isolation voltage up to 4300 Vdc with an extended operating temperature range of -40 to +125 °C.

For additional details on Bourns[®] transformers, visit the Bourns website at www.bourns.com/products/magnetic-products/transformers-bms-aecq200. Should you have any questions, contact [Bourns Customer Service/Inside Sales](#).

Features

- Superior quality from full automation of key manufacturing processes
- Up to 1000 Vdc working voltage and Hi-Pot up to 4300 Vdc
- Supports serial daisy chain / IsoSPI communication
- Developed for use with the NXP model MC33771C series and Maxim Max17853
- AEC-Q200 compliant
- RoHS compliant*



Applications

- Battery management systems
- Energy storage systems

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