



NEW PRODUCT RELEASE

TRANSFORMERS




Bourns Releases New AEC-Q200 Compliant BMS (Battery Management System) Signal Transformer *Model SM91502ALA*

Riverside, California – September 8, 2021 – Bourns Magnetics Product Line is introducing the [Model SM91502ALA AEC-Q200 Compliant BMS Signal Transformer](#). This single channel functional insulation transformer includes common mode chokes for noise rejection in BMS applications.

The Model SM91502ALA was developed for use with Analog Device's LTC6804-1/681X, NXP's MC33771/33772 and Texas Instruments' BQ79616. This new model utilizes a higher level of automation in the pin winding process to enhance product quality and production efficiency. This BMS transformer offers a working voltage of up to 1000 VDC and a Hi-PoT isolation voltage up to 4300 VDC with an extended operating temperature range of -40 to +125 °C.

Please visit the Bourns website at www.bourns.com/products/magnetic-products/transformers-bms-aecq200 for additional product details. If you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

Features

- First pin auto-termination
- Up to 1000 VDC working voltage and Hi-Pot up to 4300 VDC
- Supports serial daisy chain/IsoSPI communication
- Developed for use with Analog Device's LTC6804-1/681X, NXP's MC33771/33772 and Texas Instruments' BQ79616
- Extended temperature range: -40 to +125 °C
- RoHS compliant* and halogen free**
- AEC-Q200 compliant
-  **AUTOMOTIVE**
GRADE

Applications

- Battery Management Systems
- Energy Storage Systems

* 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.