



Bourns Fixed Resistor Product Line Announces New High Voltage Chip Resistors

Model CHV-ST and CHV-A Series

Riverside, California – July 1, 2021 – Bourns is pleased to announce the introduction of two new high voltage chip resistor series. The [Model CHV-ST High Voltage Chip Resistor Series](#) is a standard high voltage thick film chip resistor, and the [Model CHV-A Automotive Grade High Voltage Chip Resistor Series](#) is AEC-Q200 compliant, UL 1676 listed, and UL/IEC 60950 & 60065 compatible. These new surface mount series help strengthen the already broad range of surface mount chip resistors offered by Bourns.

The new Model CHV-ST and Model CHV-A series are available in five different footprints from 0603 (1608 metric) up to 2512 (6432 metric) and have been designed to operate with higher voltages ranging from 200 V for the 0603 size to 3 kV for the 2512 size.

These resistors are made using a robust thick film element printed onto a ceramic substrate. These new model families complement the other circuit conditioning components available from Bourns such as [power inductors](#) and [rectifier diodes](#).

The product data sheets with detailed specifications can be viewed on the Bourns website at www.bourns.com. Please view www.bourns.com/products/resistors/thick-film-chip-resistors for more information on Bourns® chip resistors.

Should you have any questions or need additional information, please contact [Customer Service/Inside Sales](#).

Features

CHV-ST SERIES

- Thick film
- High working voltage
- Wide resistance range
- RoHS compliant*

CHV-A SERIES

- Thick film
- High working voltage
- Wide resistance range
- AEC-Q200 compliant
- RoHS compliant*
- UL/IEC 60950 & 60065 compatible
- UL 1676 listed
- AUTOMOTIVE GRADE

Applications

CHV-ST & CHV-A SERIES

- Higher voltage applications
- Consumer electronics
- Smart meters
- Power supplies
- Lighting

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