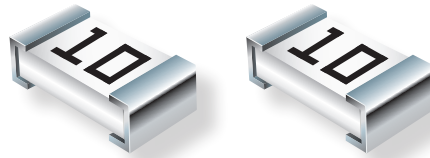




# NEW PRODUCT RELEASE

## SINGLFUSE™ SMD FUSES



## Bourns SinglFuse Product Line Announces 1206 Size, High Current & High Voltage SMD Fuse Families for General & Automotive (AEC-Q200 Compliant) Applications

### *Model SF-1206HH-R and SF-1206HHA-R Series*

Riverside, California – August 22, 2023 – Bourns is pleased to announce the introduction of two new families of general and automotive grade SMD fuses to complement its already successful line of SinglFuse™ SMD Fuse products.

The new [Model SF-1206HH-R](#) and [SF-1206HHA-R Series](#) are RoHS compliant\*, halogen free\*\* and UL recognized. The Bourns® SF-1206HHA-R models meet Bourns' internal AEC-Q200 test plan with more demanding test conditions and larger sample sizes to ensure that the components can be used in harsh environments. These new model families are intended for use in a variety of industrial, medical (low/medium risk)\*\*\*, telecom, Battery Management System, and, for the Model SF-1206HHA-R series, automotive applications.

Model Series	Size (EIA)	Fusing Characteristic	Rated Current	Rated Voltage	UL Recognized	RoHS Compliant*	Halogen Free**	AEC-Q200 Compliant****
SF-1206HH-R	1206	5 sec. max. @ 250 % I <sub>n</sub> (8~20 A)	8 A – 30 A	50 VDC 50 VAC	Yes	Yes	Yes	No
SF-1206HHA-R		5 sec. max. @ 350 % I <sub>n</sub> (8~30 A)						Yes

Bourns continues to broaden its portfolio of SinglFuse™ SMD Fuses to address the growing need for effective circuit protection in a variety of applications including automotive, telecom and networking equipment, PCs and monitors, server farms, portable memory, portable electronics, gaming systems, robotics, smart appliances, battery chargers, and industrial controllers.

For additional information on Bourns® SinglFuse™ products, please visit the Bourns website at [www.bourns.com/products/circuit-protection/singlfuse-smd-fuses](http://www.bourns.com/products/circuit-protection/singlfuse-smd-fuses). Should you have any questions, please feel free to contact [Bourns Customer Service/Inside Sales](#).

SF2303B



## Features

- Metal foil chip design with high operating temperature up to 150 °C (SF-1206HH-R Series)
- AEC-Q200 compliant (Grade 1, SF-1206HHA-R Series)\*\*\*\*
- UL 248-14 compliant
- RoHS compliant\* and halogen free\*\*

## Applications

- Automotive (SF-1206HHA-R Series)
- Industrial
- Medical (low/medium risk)\*\*\*
- Telecom
- Battery Management 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.

\*\*\* 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>.

\*\*\*\* Meets Bourns' internal AEC-Q200 test plan.