



## Bourns SinglFuse Product Line Announces 0402 Size, High Interrupting Capability SMD Fuse Family

### Model SF-0402FR Series

Riverside, California – **October 16, 2023** – Bourns is pleased to announce the introduction of a new 0402 package size SMD fuse series to complement its already successful line of SinglFuse™ SMD Fuse products.

The new [Model SF-0402FR Series](#) is RoHS compliant\*, halogen free\*\*, and UL recognized. This new model family provides a high current rating (up to 5 A) with a high interrupting capability up to 100 A @ 32 VDC, and is intended for use in a variety of consumer electronic devices for downsizing purposes.

| Model Series | Size (EIA) | Fusing Characteristic              | Rated Current | Interrupting Capability | UL Recognized | RoHS Compliant* | Halogen Free** |
|--------------|------------|------------------------------------|---------------|-------------------------|---------------|-----------------|----------------|
| SF-0402FR    | 0402       | 5 sec. max. @ 200 % I <sub>n</sub> | 0.63 A – 5 A  | 100 A @ 32 VDC          | Yes           | Yes             | 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](#).

#### Features

- Upside down design with high current carrying performance
- EIA 0402 footprint
- Up to 5 A rated current and 100 A @ 32 VDC interrupting capability
- UL 248-14 compliant
- RoHS compliant\* and halogen free\*\*

#### Applications

- Consumer electronic devices
- SSD memory and hard disks
- Multi-function printers

\* 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.