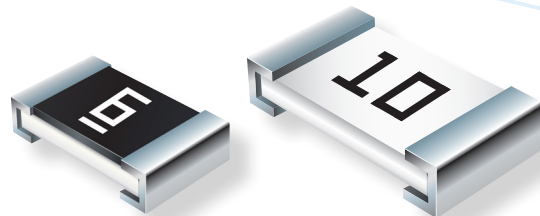




NEW PRODUCT RELEASE

SINGLIFUSE™ SMD FUSES



Bourns Announces Two New AEC-Q200 Compliant Automotive Grade SMD Fuse Families

Model SF-0603SPA-R and SF-1206SA-R Series

Riverside, California – March 28, 2022 – Bourns is pleased to announce the introduction of the new automotive grade [Model SF-0603SPA-R](#) and [SF-1206SA-R](#) Series SMD Fuses to expand its portfolio of AEC-Q200-Equivalent Compliant SinglFuse™ SMD Fuses.

The new Model SF-0603SPA-R and SF-1206SA-R families meets Bourns' Automotive Grade standard for enhanced quality and reliability. These new series are intended for use in a variety of automotive, data center, industrial, medical (low to medium risk*), telecom and Battery Management Systems (BMS) applications.

Series	Size (EIA)	Fuse Characteristics	Rated Current	Rated Voltage	AEC-Q200 Compliant**	PPAP Documentation	RoHS Compliant***	Halogen Free****
SF-0603SPA-R	0603	1~120 sec. @ 200 % I _n	1 A – 8 A	63 VDC	Yes	Level 3	Yes	Yes
SF-1206SA-R	1206	5 sec. max. @ 250 % I _n	10 A – 20 A	32 VDC	Yes	Level 3	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.

Bourns® SinglFuse™ SMD Fuse products are RoHS compliant*** and halogen free****. Visit [SinglFuse™ SMD Fuses - Technical Library](#) for additional application documents. Should you have any questions, please feel free to contact [Bourns Customer Service/Inside Sales](#).


* 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 equivalent test plan.

*** 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.

Features

- Metal foil chip design with high operating temperature up to 150 °C
- EIA 0603 & 1206 footprint
- AEC-Q200 compliant**
- UL 248-14 recognized ([E198545](#))
- TÜV (IEC 60127) recognized ([TA50515766](#))
- RoHS compliant*** and halogen free****
-  **AUTOMOTIVE**
GRADE

Applications

- Automotive
- Data center
- Industrial
- Medical (low to medium risk)*
- Telecom
- Battery Management Systems

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