

# New Product Release

**SINGLFUSE™ SMD FUSES****ADVANCE NOTICE**

## Bourns SinglFuse Product Line Announces New Time Lag, Low Power SMD Fuse Family *Model SF-3812TL-T Series*

Riverside, California – *TO BE RELEASED FEBRUARY 28, 2019* – Bourns is pleased to announce the introduction of a new family of time lag, low power SMD fuses to complement its already successful line of SinglFuse™ SMD Fuse products.

The new SF-3812TL-T model family is UL 248-14 listed and meets IEC60127-1 and IEC 60127-7 requirements. Utilizing a ceramic tube structure with gold plated end caps to achieve a 250 V AC rated voltage, this new model family is intended for use in a variety of power and lighting applications including AC/DC converters, power supplies, power adaptors, telecom equipment system power and LED lighting.

Series	Size (EIA)	Fuse Type	Rated Current	Rated Voltage	UL Listed	RoHS Compliant*	Halogen Free**
SF-3812TL-T	3812	Time Lag, Low Power	0.5 A - 5 A	250 Vac	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 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\*\*. 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

- Single blow fuse for overcurrent protection
- EIA 3812 (10030 metric) footprint
- Ceramic tube wire-in-air design for time lag fusing speed and low power applications
- Surface mount packaging for automated assembly
- UL 248-14 listed
- Meets IEC 60127-1 and IEC 60127-7 requirements
- RoHS compliant\*

### Applications

- Lighting Systems
- Power Adaptors
- Power Supplies
- AC/DC Converters
- Telecom Equipment System Power

\* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

\*\* 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.

**SF1906**