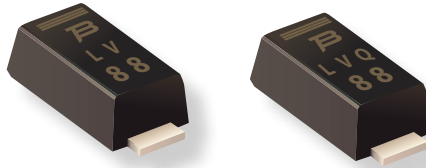




# PRODUCT EXTENSION RELEASE

## DIODES



## Bourns Announces the Expansion of the Model SMF4L and SMF4L-Q TVS Diode Series

Riverside, California – April 9, 2021 – Bourns is pleased to announce the voltage expansion of its 400 watt TVS Diode series in both commercial grade and AEC-Q101 compliant, automotive grade. The expanded line was developed to cater to the power supply equipment, communications, data center and, for the AEC-Q101 compliant, automotive grade series, automotive markets. With this expansion, Bourns is addressing the challenge in the semiconductor industry to provide broader voltages as well as superior quality components.

The Model SMF4L and SMF4L-Q Series TVS Diodes are housed in SOD-123FL packages and are well suited for the protection of power buses and I/O interfaces due to their fast response time and surge withstanding capability.

Series	Expanded Standoff Voltage	Complete Standoff Voltage Range	Unidirectional	Power Wattage
<a href="#">SMF4L</a>	5 ~ 11 V 60 ~ 85 V	5 ~ 85 V	Yes	400 W
<a href="#">SMF4L-Q</a>	5 ~ 11 V 60 ~ 85 V	5 ~ 85 V	Yes	400 W

Product data sheets with detailed specifications can be viewed on the Bourns website at [www.bourns.com/products/diodes/tvs-diodes](http://www.bourns.com/products/diodes/tvs-diodes). Please visit [www.bourns.com/products/diodes/diodes-aec-q101-compliant](http://www.bourns.com/products/diodes/diodes-aec-q101-compliant) for more information on AEC-Q101 compliant TVS diodes.

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

### Features

- Surface Mount SOD-123FL package
- Standoff Voltage: 5 to 85 volts
- Power Dissipation: 400 watts
- RoHS compliant\*
- AEC-Q101 compliant (SMF4L-Q Series)



### Applications

- Protection of power buses
- Protection of I/O interfaces
- Overvoltage transient protection
- Telecom, computer, industrial and consumer electronics applications

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