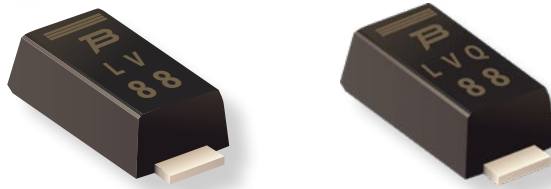


## New Product Release

### TVS DIODES



## Bourns Adds New Discrete TVS Diode Products *Model SMF4L and SMF4L-Q Series*

Riverside, California – April 23, 2019 – Bourns is pleased to announce the release of two new ESD/EFT/ Surge protection series products, [Model SMF4L](#) and [SMF4L-Q](#). These products are well suited for voltage transients and ESD protection in data lines and DC power supplies. Both series are available in a compact, low-profile, SOD-123FL package with a height of just 1.125 mm, enabling designers to realize compact, high power density power supply designs.

Furthermore, the Model SMF4L-Q is AEC-Q101 compliant and well suited for applications requiring high reliability such as power supplies and equipment used in certain harsh environments.

Series	Reverse Standoff Voltage	Configuration	Peak Pulse Power Dissipation (10/1000 µs)
SMF4L	12 - 58 V	Unidirectional	400 W
SMF4L-Q**	12 - 58 V	Unidirectional	400 W

For more information on Bourns® TVS Diodes, please visit the website at [www.bourns.com/products/diodes/tvs-diodes](http://www.bourns.com/products/diodes/tvs-diodes).

Should you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

#### Features

- Surface Mount SOD-123FL package
- Standoff Voltage: 12 to 58 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.  
\*\* "Q" part number suffix indicates AEC-Q101 compliance.