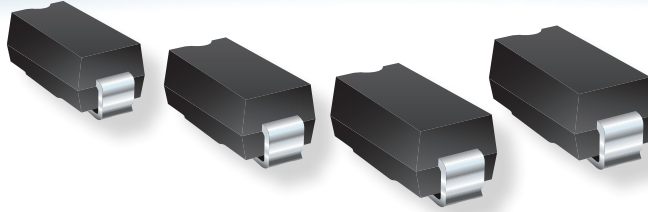


## New Product Release

TVS DIODES



### Bourns Introduces New AEC-Q101 Compliant TVS Diode Products

*Model SMAJ-Q, SMBJ-Q, SMCJ-Q and SMLJ-Q Series*

Riverside, California - Revised February 19, 2018 - Bourns is pleased to announce that four series of the existing Model SMAJ, SMBJ, SMCJ and SMLJ unidirectional and bidirectional TVS diodes are now AEC-Q101 compliant. These TVS diodes are well suited for voltage transients and ESD protection in data lines and DC power supplies.

These AEC-Q101 compliant products are well suited for applications that require high reliability such as portable electronics, power supplies and equipment used in harsh environments.

Series	Power Wattage ( $T_p = 1$ ms)	Standoff Voltage ( $V_{RWM}$ )	Unidirectional/ Bidirectional
<a href="#">SMAJ-Q</a>	400 W	12 ~ 58 V	Yes
<a href="#">SMBJ-Q</a>	600 W		
<a href="#">SMCJ-Q</a>	1500 W		
<a href="#">SMLJ-Q</a>	3000 W		

The product data sheets with detailed specifications can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com).

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

#### Features

- Surface mount package
- Standoff Voltage: 12 to 58 volts
- RoHS compliant\*
- AEC-Q101 compliant\*\*

#### Applications

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

\* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.  
\*\* "Q" part number suffix indicates AEC-Q101 compliance.