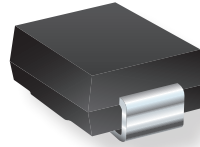


New Product Release

TVS DIODES



Bourns Introduces New AEC-Q101 Compliant TVS Diode Products *Model 5.0SMDJ-Q Series*

Riverside, California - July 9, 2018 - Bourns is pleased to announce the existing Model 5.0SMDJ unidirectional and bidirectional TVS diodes are now AEC-Q101 compliant as Model 5.0SMDJ-Q. 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 also 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
5.0SMDJ-Q	5000 W	12 ~ 43 V	Yes

The product data sheets with detailed specifications can be viewed on the Bourns website at 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 43 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 2015/863, Mar 31, 2015 and Annex.

** "Q" part number suffix indicates AEC-Q101 compliance.

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