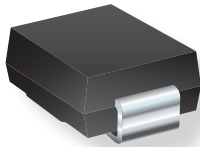


Product Extension Release

TVS DIODES



Bourns Adds New Voltage to the Model SMAJ-Q TVS Diode Series

Riverside, California - July 16, 2018 - Bourns is pleased to announce the release of a new available voltage specification to extend the existing range of the Model SMAJ-Q Series Transient Voltage Suppressor Diodes. The new voltages range from 8.5 V to 58 V, bidirectional, while unidirectional remains 12 V to 58 V. These AEC-Q101 compliant TVS diodes are well suited for voltage transients and ESD protection of power buses and I/O interfaces.

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

Series	Additional Standoff Voltage	Complete Range Standoff Voltage	Directional	Power Wattage
SMAJ-Q	-	12 ~ 58V	Unidirectional	400 W
	8.5V	8.5V ~ 58V	Bidirectional	400 W

The product data sheet with detailed specifications can be viewed on Bourns' website at <http://bourns.com/products/diodes/tvs-diodes>.

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

Features

- Surface mount SMA package
- Power Dissipation: 400 watts
- 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.

** 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.

ESD1816