



## Bourns Announces New Discrete TVS Diode Products

### *Model SMA6J and SMA6J-Q Series*

Riverside, CA – TO BE RELEASED OCTOBER 16, 2019 – Bourns is pleased to announce the release of two new ESD/EFT/Surge Protection series, Models SMA6J and SMA6J-Q. These products are well suited for voltage transient and ESD protection in data lines and DC power supplies. Both series come in compact, industry standard DO214-AC (SMA) package, with increased Peak Pulse Power Dissipation of 600 W rather than the industry standard of just 400 W, enabling designers to realize compact, high power density and power supply designs.

Furthermore, Model SMA6J-Q is AEC-Q101 compliant for applications that require high reliability such as power supplies and equipment used in certain harsh environments.

Series	Reverse Standoff Voltage	Configuration	Peak Pulse Power Dissipation (10/1000 $\mu$ s)
SMA6J	5 - 43 V	Unidirectional and Bidirectional	600 W
SMA6J-Q**	5 - 43 V	Unidirectional and Bidirectional	600 W

For more detailed product information, please visit [bourns.com/products/diodes/tvs-diodes](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
- Standoff Voltage: 5 to 43 volts
- Power Dissipation: 600 watts
- RoHS compliant\*

#### 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.