



Bourns Announces New Discrete TVS Diode Products

Model SMA6J and SMA6J-Q Series

Riverside, CA – 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 a 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 μ 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 www.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.