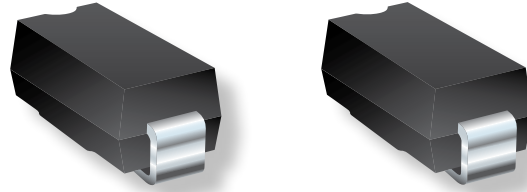




PRODUCT EXTENSION RELEASE

TVS DIODES



Bourns Adds New Voltages to Select TVS Diode Series

Model SMAJ-Q and P4SMA-Q Series

Riverside, California – February 26, 2020 – Bourns is pleased to announce the release of new voltages to extend the existing range of the AEC-Q101 compliant Model SMAJ-Q and P4SMA-Q Series Transient Voltage Suppressor Diodes. The new voltages range from 5 V to 220 V.

Communications, industrial control, automation and power supply manufacturers are challenging the semiconductor industry to develop increasingly higher power density circuit protection components. The Model SMAJ-Q and P4SMA-Q Transient Voltage Suppressor Diodes provide protection for surge and ESD applications, in a compact chip package DO-214AC (SMA).

Series	Previous Standoff Voltages	New Standoff Voltages	Directional	Power Wattage
SMAJ-Q	8.5 ~ 58V	5 ~ 220V	Unidirectional Bidirectional	400 W
P4SMA-Q	12.8 ~ 58.1V	5.8 ~ 214V	Unidirectional Bidirectional	400 W

Both series are RoHS compliant*, halogen free** and aid compliance with the following industry standards: IEC 61000-4-2 ESD (Min. Level 4), IEC 61000-4-4 EFT, and IEC 61000-4-5 Surge.

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](#).

*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.