

# New Product Release

CHIP DIODES



## ADVANCE NOTICE

### Bourns Introduces New AEC-Q101 Compliant TVS Diode Products *Model SM8S-Q Series*

Riverside, California – TO BE RELEASED FEBRUARY 20, 2019 – Bourns is pleased to announce the release of a new ESD/EFT/Surge Protection series, Model SM8S-Q. These unidirectional and bidirectional TVS diodes are well suited for protecting against voltage transients and ESD protection of DC power supplies and data lines.

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

Series	Power Wattage (10/1000 $\mu$ s)	Standoff Voltage ( $V_{RWM}$ )	Unidirectional/Bidirectional
SM8S-Q	6600 W	16 ~ 43 V	Yes

Bourns® AEC-Q101 compliant TVS Diodes can be viewed on the Bourns website at [www.bourns.com/products/diodes/diodes-aec-q101-compliant](http://www.bourns.com/products/diodes/diodes-aec-q101-compliant).

Should you have any questions or need additional information, please contact Customer Service/Inside Sales.

#### Features

- Maximum Peak Power Dissipation: 6600 watts
- Meets ISO7637-2 / ISO16750-2 Surge specification (varies by test condition)
- RoHS compliant\*
- AEC-Q101 compliant\*\*

#### Applications

- High peak power applications (up to rated limits)
- High temperature applications (up to rated limits)
- Clamping diode
- Load switching and lighting

\* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.  
\*\* "Q" part number suffix indicates AEC-Q101 compliance.

ESD1853