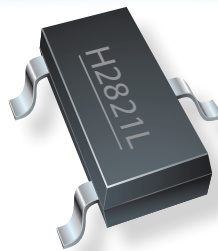


New Product Release

T V S D I O D E A R R A Y S



Bourns Introduces New AEC-Q101 Compliant TVS Diode Products *Model CDSOT23-TxxLC-Q Series*

Riverside, California – FEBRUARY 18, 2019 – Bourns is pleased to announce that the existing Model [CDSOT23-T05LC](#) and [CDSOT23-T08LC](#) TVS diodes are now AEC-Q101 compliant as Models [CDSOT23-T05LC-Q](#) and [CDSOT23-T08LC-Q](#).

The CDSOT23-TxxLC-Q series' low capacitance of 5 pF allows designers to use these TVS diodes for protecting communication lines against ESD and voltage transients, up to rated limits. These AEC-Q101 compliant products are also well suited for applications that require high reliability such as portable electronics, power supplies and equipment used in harsh environments.

Model	Power Wattage ($T_p = 8/20 \mu s$)	Standoff Voltage (V_{RWM})	Configuration
CDSOT23-T05LC-Q	500 W	5 V	Unidirectional
CDSOT23-T08LC-Q	500 W	8 V	Unidirectional

The product data sheet with detailed specifications can be viewed on the Bourns website at www.bourns.com. Visit www.bourns.com/products/diodes/diodes-aec-q101-compliant for more information on Bourns® AEC-Q101 Compliant Diodes.

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

Features

- ESD protection 30 kV max.
- Surge protection >24 A
- Protects 1 line
- Unidirectional configuration
- RoHS compliant*
- AEC-Q101 compliant**

Applications

- Protection of power buses
- Protection of I/O interfaces
- Overvoltage transient protection
- Telecom, computer, industrial and consumer electronics applications

*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.