BOURNS®

New Product Release

TVS DIODE ARRAYS

Bourns Introduces New AEC-Q101 Compliant TVS Diode Products

Model CDSOT23-TxxC-Q Series

Riverside, California – FEBRUARY 18, 2019 – Bourns is pleased to announce that the existing Model CDSOT23-T03, CDSOT23-T08C and CDSOT23-T15C TVS diodes are now AEC-Q101 compliant as Model CDSOT23-T03-Q, CDSOT23-T08C-Q and CDSOT23-T15C-Q. These TVS diodes are well suited for voltage transients and ESD protection in data lines and DC power supplies.

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-T03-Q	500 W	3.3 V	Unidirectional
CDSOT23-T08C-Q	500 W	8 V	Bidirectional
CDSOT23-T15C-Q	500 W	15 V	Bidirectional

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.
- Protects one or two lines
- Unidirectional and bidirectional configurations
- 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.*

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