



# NEW PRODUCT RELEASE

## SEMICONDUCTOR PRODUCTS



## Bourns Introduces New AEC-Q101 Compliant, Automotive Grade TVS Diode

### *Model CDSOT23-T24C-Q*

Riverside, California – June 10, 2025 – Bourns is pleased to announce the release of the [Model CDSOT23-T24C-Q](#) Surface Mount TVS Diode. This new model provides AEC-Q101 compliancy and automotive grade reliability as an enhancement to the standard Model CDSOT23-T24C. This TVS diode is well suited for voltage transient and ESD protection in data lines and DC power supplies, as well as in applications that require high reliability such as portable electronics, power supplies and equipment used in certain harsh environments.


The product data sheet with detailed specifications can be viewed on the Bourns website at [bourns.com](https://bourns.com).

Model	Peak Pulse Power $T_p = 8/20 \mu s$ (W)	Max. Peak Voltage ( $V_{WM}$ )	Configuration
CDSOT23-T24C-Q	500	24 V	Unidirectional/ Bidirectional

Visit [bourns.com/products/diodes/diodes-aec-q101-compliant](https://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 or bidirectional configurations
- RoHS compliant\*
- AEC-Q101 compliant\*\*
-  **AUTOMOTIVE**  
GRADE

#### Applications

- RS-232, RS-422 and RS-485 data lines
- Portable electronics
- Wireless bus protection
- Control and monitoring systems

#### Additional Information

[DATA  
SHEETS](#)[PRODUCT  
SELECTOR](#)[TECHNICAL  
LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

\* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

\*\* "Q" part number suffix indicates AEC-Q101 compliance.

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