BOURNS®

NEW PRODUCT RELEASE

GAS DISCHARGE TUBES



Bourns Announces the Release of a New AEC-Q200 Compliant Gas Discharge Tube Series

Model 2027-A

Riverside, California – July 31, 2024 – Bourns is pleased to announce the addition of a new Gas Discharge Tube (GDT) Series to the successful line of Bourns® AEC-Q200 compliant components. The Model 2027-A Series has been evaluated under the stringent AEC-Q200 standard, expanding Bourns' legacy of quality, innovation, and design in GDT overvoltage surge arrestors.

Market demands relating to AEC-Q200 compliance focus on ensuring the reliability, durability, regulatory compliance, electrical performance, and innovation capability of electronic components used in certain harsh environmental applications. In addition, the stringent testing required by this standard ensures that this new series will be a great fit for other demanding applications like outdoor photovoltaic installation surge protection.

The new Model 2027-A Series is RoHS compliant* and UL recognized.

Features

- AEC-Q200 compliant
- 75 V - 600 V Breakdown voltages
- -40 °C to +125 °C Operating temperature
- High surge current rating
- High insulation resistance
- Quick response, long service life
- UL recognized
- RoHS compliant*

Applications

- AEC-Q200 compliant applications**
- Power supplies
- Medical devices (low to medium risk)***
- IEC 62368-1 compliant equipment
- HVAC
- Lighting

Please visit the Bourns website at www.bourns.com/products/circuit-protection/gas-discharge-tube-(gdt)-surge-arrestors/2-electrode-gdts/standard-surface-mount-(smd)-2-electrode for details on Bourns® High Voltage 2-Electrode GDTs. For more information on Bourns® GDTs, check out our additional available resources in the Bourns® GDT Technical Library. If you have any questions, please contact Bourns Customer Service/Inside Sales.

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

** *Any reference to Bourns® standard product in the data sheet as compliant with the AEC-Q standard or "automotive grade" does not by itself mean that Bourns has approved such product for use in an automotive application.*

*** *Bourns® products have not been designed for and are not intended for use in "lifesaving," "life-critical" or "life-sustaining" applications nor any other applications where failure or malfunction of the Bourns® product may result in personal injury or death. See Legal Disclaimer Notice: www.bourns.com/docs/legal/disclaimer.pdf.*

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