



# NEW PRODUCT RELEASE

## GAS DISCHARGE TUBES



## Bourns Introduces New 1206 Chip-Size Surface Mount 2-Electrode GDT Surge Protective Devices


### Model GDT21 Series

Riverside, California – December 3, 2024 – Bourns is pleased to announce the release of the new [Model GDT21 Series](#) 1206 chip-size surface mount 2-electrode GDT surge protective devices. These devices deliver maximum impulse voltage limiting specifications in an ultra-compact surface mount package, making them ideal for space-sensitive applications.

The Bourns® Model GDT21 Series provides superior protection against induced voltage transients such as lightning and AC induction. The advanced design ensures a higher level of protection by offering tighter voltage limiting during fast-rising events, which minimizes stress on downstream components, even in space-constrained applications. Additionally, these robust devices are capable of safely diverting 500 A pulses in a compact EIA 1206 package without sustaining damage.

The new series is RoHS compliant\* and UL recognized.

#### Features

- Voltage Range: 150 V to 600 V
- Operating temperature range: -40 °C to +105 °C
- Extremely compact size (EIA 1206)
- Surface mount design
- Very low capacitance with minimal insertion loss
- Quick response, long service life
- UL recognized 
- RoHS compliant\*

#### Applications

- Set top boxes
- Industrial communications
- HVAC controls
- xDSL, POTS, G.Fast
- Antennae
- Switching power supplies
- General telecom equipment

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](http://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® Standard Surface Mount 2-Electrode GDTs. The [GDT Technical Library](#) contains application notes, white papers and many other useful documents. If you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

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