

New Product Release

GAS DISCHARGE TUBES



Bourns Releases New Gas Discharge Tube Surge Arrestor with FLAT® Technology *Model 2018*

Riverside, California - June 2, 2017 - Bourns is pleased to announce the release of the [Model 2018 Series Gas Discharge Tube \(GDT\) Surge Arrestor with FLAT® technology](#). Bourns sets a new industry standard by offering a 3-electrode GDT in an innovative flat-package design. Bourns' FLAT® technology delivers a low profile GDT solution for high density and height-restricted PCB applications.

The Model 2018 is an ITU K.12 Class III device rated at 20 kA on an 8/20 μ s waveform. The series is offered with DC breakdown voltages ranging from 90 to 500 V and features an innovative horizontal flat mounting design that reduces the height of the Bourns® GDT from a typical 8 mm to a low profile of 3.5 mm.

The Model 2018 Series is designed as a surface mount device and offers a large flat surface making it suitable for high-speed pick and place using a vacuum head pickup.

Benefits

- >50 % height reduction compared to a standard 8 mm Bourns® SMD GDT
- Devices do not impact signal or system operation
- Voltage limiting suitable for sensitive equipment
- Long term reliability and performance
- RoHS compliant*

Features

- Large flat top surface and lighter weight, ideal for high-speed pick and place
- Robust surge current ratings
- Stable performance over life
- Low leakage and insertion loss
- Constant capacitance regardless of voltage
- Low arc voltage
- Wide range of voltages

Applications

- Telecom equipment
- Industrial communications
- Surge Protective Devices
- High density PCB assemblies