

New Product Release

GAS DISCHARGE TUBES



Bourns Releases New FLAT® Gas Discharge Tube Surge Arrestor Model 2017

Riverside, California -September 29, 2015 - Bourns is pleased to announce the release of the [Model 2017 Series](#) Gas Discharge Tube (GDT) Surge Arrestor with FLAT® Technology. Bourns sets a new industry standard by offering a 2-electrode GDT in an innovative flat-package design. Bourns' FLAT® technology delivers a low profile solution for high density and height-restricted PCB applications.

The Model 2017 Series is an ITU K.12 Class III GDT device rated at 10 kA on an 8/20 μ s waveform. The series is offered with DC breakdown voltages ranging from 90 to 420 V and is available in horizontal and vertical surface mount versions as well as a leadless design for cartridge or clamp fit applications.

The new series features an innovative horizontal design that accomplishes a 75 % savings in volume as compared to standard 8 mm Bourns® gas discharge tubes. When vertically mounted, the Model 2017 Series is capable of supporting approximately twice the number of GDTs in the same board space as compared to similar board space using surface mount 8 mm Bourns® GDTs.

Benefits

- Horizontal design provides a significant height and volume savings vs an 8 mm SMD Bourns® GDT
- Devices do not impact signal or system operation
- Voltage limiting suitable for sensitive equipment
- Long term reliability and performance
- Flexible mounting options including bottom-side PCB
- RoHS compliant*

Features

- Compact, space-saving design
- 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