

## Featured Products Bulletin

### GAS DISCHARGE TUBES



## Bourns Adds New Heavy-Duty Precision Gas Discharge Tubes

Riverside, California - June 11, 2013 - Bourns is pleased to announce the release of the [Model 2046](#) and [2028 Series](#) of 8 x 10 mm Gas Discharge Tube (GDT) products. The new GDTs are primarily targeted to telecom applications requiring ITU compliance but are suitable for use in many other applications. The GDTs are 3-electrode devices with a maximum 8/20  $\mu$ s surge current rating of up to 30 kA. Model 2028 and 2046 are offered as a core package for cassette or radial leaded for through-hole applications. An optional Fail-Short mechanism is available for thermal runaway protection.

Series	Description	Package	Dimensions (Dia. x Length) mm	DCBD Range (V)	Max. Surge Rating 8/20 $\mu$ s (kA)
2046-xx-XX	Heavy-Duty 3-Electrode Gas Discharge Tube	Core & Radial	8 x 10 mm	90-600	20
2028-xx-XX	Long Life Heavy-Duty 3-Electrode Gas Discharge Tube	Core & Radial	8 x 10 mm	230-420	30

#### Features

- Long and stable service life
- Low leakage
- Low capacitance
- High surge current rating
- Optional Fail-Short mechanism available on some models

#### Applications

- Telecommunications CPE and network equipment
- Industrial electronics, power supplies
- Data communications
- Consumer electronics
- Medical equipment

Each of the model series is RoHS compliant\* and the Model 2046 is UL Recognized.

Product data sheets with detailed specifications and a cross reference search feature can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com). If you have any questions, please contact our [customer service teams](#) in your region or Bourns Customer Service at (951) 781-5500.