



Featured Products Bulletin

GAS DISCHARGE TUBES

Bourns® GDT Products Group Releases 2038 Symmetrical Gas Discharge Tubes (GDTs)

Riverside, California - August 6, 2008 - Bourns is pleased to announce the release of the new 2038 symmetrical surface mount (SM) 3-electrode GDT surge protection device. The industry-leading quality and features of the Bourns® miniature TRIGARD™ series GDT continue in the 2038 symmetrical version. The 2038 series is ideal for board level protection of high-bandwidth applications such as xDSL, cable broadband and high speed Ethernet, due to its symmetrical turn-on characteristics as well as high energy-handling capability, long and stable life performance and low capacitance - less than 2 pF. The 2038 series' breakdown voltages are nearly equal line-to-line as well as line-to-ground. Typical 3-electrode GDT line-to-line breakdown voltages are 1.8 to 2 times higher than the line-to-ground breakdown voltage.

Bourns® Gas Discharge Tube (GDT) products are available directly from the factory and authorized distributors. Samples are available upon request.

[Model 2038-35-SM data sheet](#)

[Model 2038-110-SM data sheet](#)



2038 Series Features

- Balanced Mini-TRIGARD™ (5 mm diameter, 7.3 mm length)
- Ideal for board level protection of broadband circuits
- Symmetrical breakdown voltage (L-L, L-G)
- Leadless, surface mount for economical assembly
- High surge current rating, low insertion loss
- Stable breakdown throughout life
- RoHS compliant* versions available

2038 Series Applications

- Board level protection of high-bandwidth applications such as:
 - xDSL
 - Cable broadband
 - High speed Ethernet