

阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .



Features

- Leadless, surface mount for economical assembly
- Low capacitance and insertion loss
- High surge current rating
- Compact “mini” size
- Stable breakdown throughout life
- RoHS compliant* version available

2035-110-SM-RPLF Gas Discharge Tube

Bourns offers a miniature Surface Mount (SM) 2-electrode GDT surge protector. The industry-leading quality and features of the 2035 Series GDT continue in this SM version. Compatible with “pick and place” assembly systems, the 2035-SM is ideal for board level protection of high bandwidth applications such as xDSL, cable broadband and high speed Ethernet, due to its high energy-handling capability, long and stable life performance and low capacitance of less than 1 pF. Bourns® subminiature family of GDTs measure only 5 mm in diameter and are presently the best performing and smallest in the telecom industry. Bourns® GDTs are designed to prevent damage from transient disturbances by acting as a “crowbar” to create a short-to-ground circuit during conduction. When an electrical surge exceeds the defined breakdown voltage level of the GDT, the device becomes ionized and conduction takes place within a fraction of a microsecond. When the surge passes and system voltage returns to normal levels, the GDT returns to its high-impedance (off) state.

Characteristics

Test Methods per ITU-T (CCITT) K.12, IEEE C62.31

DC Sparkover	±20 % @ 100 V/s.....	1100 V
Impulse Sparkover	@ 1k V/μs.....	1500 V
Insulation Resistance (IR)	100 V	> 10 ⁹ Ω
Arc Voltage	1 A	~ 10 V
Glow-Arc Transition Current		< 0.5 A
Capacitance	1 MHz	< 2 pF
DC Holdover Voltage	135 V	< 150 ms
Max. Single Discharge ¹	5 kA	> 1 operation
Impulse Discharge Current.....	2.5 kA, 8/20 μs	> 10 operations
	100 A, 10/1000 μs	> 100 operations
	10 A, 10/1000 μs	> 1500 operations
Alternating Discharge Current	2.5 Arms, 1 s	> 10 operations
Operating and Storage Temperature.....		-55 to +85 °C

Notes:

Sparkover limits after life +30/-25 %, IR >10⁸ Ω.

¹ DC Sparkover may exceed +30/-25 % but will continue to protect without venting.



Circuit Protection Division

Asia-Pacific: TEL +886- (0)2 25624117 • FAX +886- (0)2 25624116

Europe: TEL +41-41 768 5555 • FAX +41-41 768 5510

The Americas: TEL +1-951 781-5500 • FAX +1-951 781-5700

www.bourns.com

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

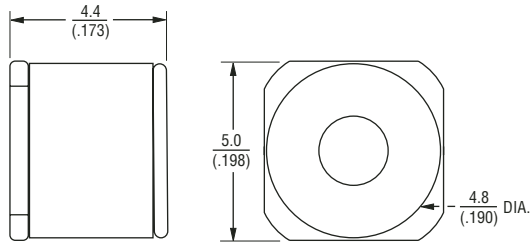
Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.

2035-110-SM-RPLF Gas Discharge Tube

BOURNS®

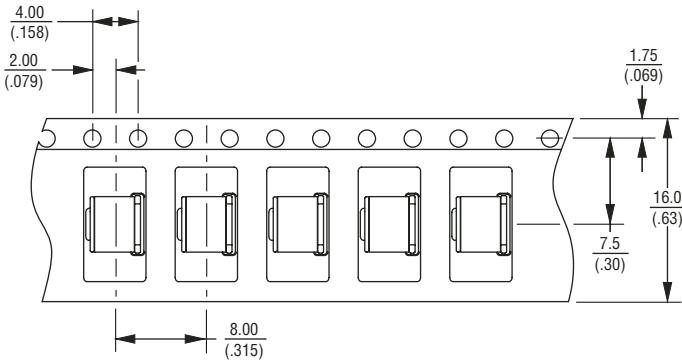
Product Dimensions



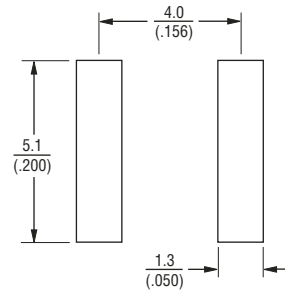
Packaging Specifications

The Model 2035-110-SM-RPLF ships standard bulk pack, 100 pieces per bag.

The optional reelpack (-RP) contains 1,500 pieces per reel. Reel is 13 " in diameter and 3/4 " wide.



Recommended Pad Layout



DIMENSIONS = $\frac{\text{MILLIMETERS}}{\text{(INCHES)}}$

How To Order

