

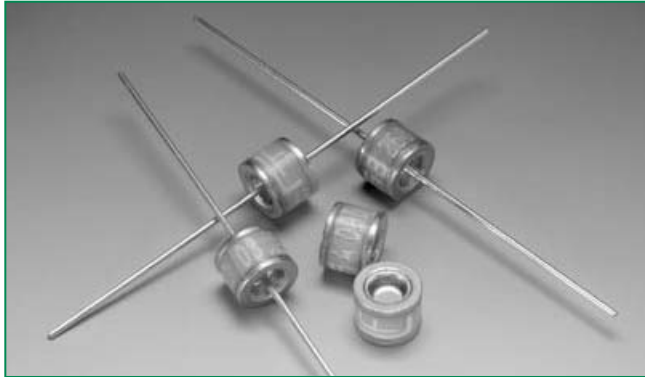
阅读申明

- 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" .

RoHS **SL1011B Series Gas Plasma Arrester**



Description

The SL1011B Series provides high levels of protection against fast rising transients in the 100V/μs to 1kV/μs range usually caused by lightning disturbances.

The SL1011B series also features ultra low capacitance (typically 1pF or less) making them ideal for the protection of high-speed transmission equipment. These devices are extremely robust and are able to divert a 10,000A pulse without destruction.

Features

- RoHS compliant
- Low insertion loss
- Excellent response to fast rising transients.
- Ultra low capacitance.
- 10KA surge capability tested with 8/20μs pulse as defined by IEC 61000-4-5
- 10,000 A single shot surge capability tested with 8/20μs pulse as defined by IEC 61000-4-5

Agency Approvals

AGENCY	AGENCY FILE NUMBER
	E128662

2 Electrode GDT Graphical Symbol



Applications

- Broadband equipment.
- ADSL equipment.
- XDSL equipment.
- Satellite and CATV equipment.
- General telecom equipment.

Electrical Characteristics

Part Number*	DC Breakover Voltage @100 V/s Volts (V _{BR})			MAX Dynamic Breakover Voltage @100 V/μs ¹ Volts (V _{BR})	AC Discharge Current ² Volts	Max Repetitive Impulse Current ³ kAmps	Max Single Impulse Current		Leakage Current ⁴ nAmps	Holdover Voltage ⁵ Volts
	MIN	NOM	MAX				8/20 μs kAmps	10/350 μs kAmps		
SL1011B075	60	75	90	500	10	10	20	2.5	50	50
SL1011B090	72	90	108	500	10	10	20	2.5	50	50
SL1011B145	116	145	174	500	10	10	20	2.5	50	50
SL1011B150	120	150	180	500	10	10	20	2.5	50	50
SL1011B230	184	230	276	550	10	10	20	2.5	100	135
SL1011B250	200	250	300	600	10	10	20	2.5	100	135
SL1011B260	210	260	310	600	10	10	20	2.5	100	135
SL1011B350	280	350	420	800	10	10	20	2.5	100	135

NOTES:

*Max capacitance is 1.5 pF, measured at 1 MHz, zero volt bias

1. Comparable to the silicon measurement Switching Voltage (Vs)

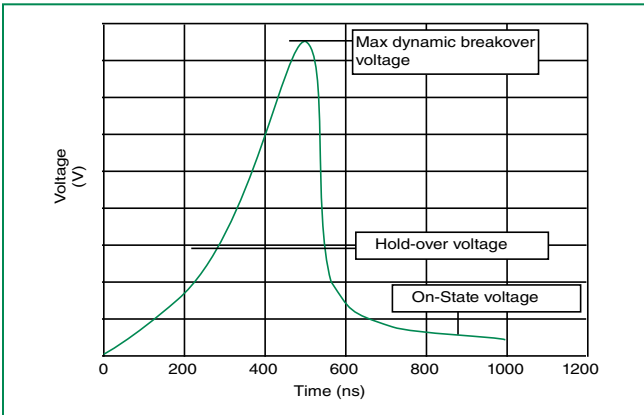
2. 10 shots, AC 60Hz, 1s duration

3. 10 shots, 8/20μs waveform per IEC 61000-4-5

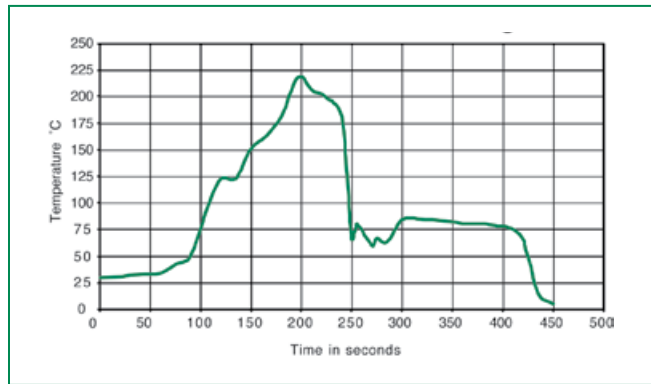
4. Measured at 100V, except 90VDC devices which are measured at 50V

5. Tested according to ITU-T Rec. K.12

Voltage vs. Time Characteristic



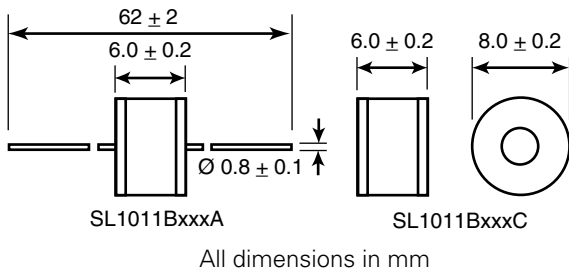
Profile for Reflow Soldering



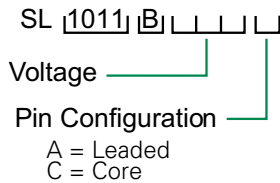
Physical Specifications:

Weight	1.5g (0.053 oz.)
Materials:	Core: Dull tin based on nickel Leaded device core: nickel plating Lead wire: Hot dip tin
Device Marking:	Littelfuse 'LF' mark, voltage and date code.

Dimensions



Part Numbering System



Profile for Wave Soldering

