**Features**
- Bourns® FLAT® GDT technology
- Flexible mounting options
- Volume- and space-saving design
- Improved impulse performance
- 10 kA 8/20 μs rated

*Recognized per UL 497B (File: E153537)*

**Applications**
- Telecom CPE
- Industrial Communications
- Surge Protective Devices
- High density PCB assemblies

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**2017 Series - Gas Discharge Tube Surge Arrester with FLAT® Technology**

Bourns sets a new industry standard by offering this 2-electrode Gas Discharge Tube (GDT) in an innovative flat package design. The Model 2017 Series with FLAT® Technology provides a volume and space-saving solution for high density and space-restricted PCB applications. Surface mount versions are available in vertical and horizontal mounting configurations.

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**Characteristics**

Test Methods per ITU-T (CCITT) K.12 Class 3 and IEC 61643-311

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>10A 10/1000μs</th>
<th>100A 10/1000μs</th>
<th>1000A 8/20</th>
<th>10kA 8/20μs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arc Voltage</td>
<td>~1 G</td>
<td>~100 G</td>
<td>~100 G</td>
<td>~100 G</td>
</tr>
<tr>
<td>Moisture Sensitivity Level</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

**How to Order**

Series Designator

2017 - xx - xxx - RP LF

Voltage (Divided by 10)

- 90 V
- 90 V
- 230 V
- 420 V

Packaging

- RP = Reelpack (Standard)
- LF = RoHS Compliant Product

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**Additional Information**

Click these links for more information:

- **Product Selector**
- **Technical Library**
- **Inventory**
- **Samples**
- **Contact**

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**Notes:**

UL Recognized component, UL File E153537

(1) In ionized mode.
(2) IR after life >10^6 cycles.
(3) At delivery AQL 0.65 Level II, DIN ISO 2859.
(4) Pushover Strength test performed on a board-mounted Model 2017-xx-SMC (Vertical Mount).

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**WARNING**

Cancer and Reproductive Harm

www.P65Warnings.ca.gov


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Users should verify actual device performance in their specific applications.

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Product Dimensions

2017-xx-SMH-RPLF

2017-xx-SMC-RPLF

Typical Part Marking

Information may be placed vertically or horizontally on the various models.

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Packaging Specifications

Model 2017-xx-SMC-RPLF: The standard tape and reel packaging contains 500 pieces per 13-inch reel.

Model 2017-xx-SMH-RPLF: The standard tape and reel packaging contains 2,000 pieces per 13-inch reel.

DIMENSIONS: MM (INCHES)

2017-xx-SMC-RPLF

2017-xx-SMH-RPLF

REV. A 09/19
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