Features
- Size: 11.8 mm diameter, 12 mm length
- 60 kA surge rating
- High power handling
- Low leakage
- RoHS compliant*
- UL Recognized

2061 Series High-Current 2-Electrode Gas Discharge Tube

Characteristics
Test Methods per ITU-T K.12 and IEC 61643-311.

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2061-23</td>
</tr>
<tr>
<td>DC Sparkover ±20 % @ 100 V/s</td>
<td>230 V</td>
</tr>
<tr>
<td>Impulse Sparkover (1)</td>
<td>&lt; 600 V</td>
</tr>
<tr>
<td>100 V/μs</td>
<td>&lt; 600 V</td>
</tr>
<tr>
<td>1000 V/μs</td>
<td>&lt; 700 V</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Characteristic</th>
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<tbody>
<tr>
<td></td>
<td>2061-47</td>
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<tr>
<td>DC Sparkover ±20 % @ 100 V/s</td>
<td>470 V</td>
</tr>
<tr>
<td>Impulse Sparkover (1)</td>
<td>&lt; 900 V</td>
</tr>
<tr>
<td>100 V/μs</td>
<td>&lt; 700 V</td>
</tr>
<tr>
<td>1000 V/μs</td>
<td>&lt; 700 V</td>
</tr>
</tbody>
</table>

(1) Impulse Sparkover voltage is defined as typical values of distribution.

Insulation Resistance (IR) (2) ........................................ 100 / 250 Vdc ......................................................... > 1 GΩ
Glow Voltage ......................................................... 10 mA ................................................................. ~ 70 V
Arc Voltage ......................................................... 1 A ................................................................. ~ 10 V
Glow-Arc Transition Current ...................................... 1 MHz ......................................................... < 1 mA
Maximum Capacitance ............................................. 1 MHz ......................................................... < 10 pF
Maximum Impulse Discharge Current ............................. 60,000 A, 8/20 μs ........................................ 1 operation
Nominal Alternating Discharge Current .......................... 40 A, 50 Hz, 1 second ........................................ 1 operation
Nominal Alternating Discharge Current .......................... 200 A, 9 cycles ........................................ 1 operation
Impulse Life .................................................................. 500 A, 10/1000 μs ........................................ > 400 operations
DC Holdover Voltage (3) .................................................. < 150 ms
Operating Temperature .................................................. -30 to +85 °C
Storage Temperature ..................................................... -40 to +115 °C
Climatic Category (IEC 60068-1) ..................................... 40 / 90 / 21

Notes:
- The 2061 Series is NOT intended for use as a surface mount component.
- UL Recognized component, UL File E313168.
- At delivery AQL 0.65, level II DIN ISO 2859

(2) DC Sparkover Voltage          IR Measuring Voltage
   230–400 V                  100 V
   420–800 V                  250 V

(3) Network Applied
   DC Sparkover Voltage          DC Holdover Voltage
   230–250 V                  135 V
   300–800 V                  150 V

Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.
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WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov
Applications
- Telecommunications equipment
- Industrial equipment/electronics

2061 Series High-Current 2-Electrode Gas Discharge Tube

Product Dimensions

How to Order

Model Number Designator

Voltage (Divided by 10)
- 23 = 230 V
- 25 = 250 V
- 30 = 300 V
- 35 = 350 V
- 42 = 420 V

Leads
- A = No Leads

Packaging
- (Blank) = Bulk Packaging - 60 pcs./tray (Standard)
- LF = RoHS Compliant Product

RoHS Compliancy

Packaging Specifications

Model 2061 ships standard bulk, 60 pcs. per tray.; 180 pcs. per box.

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