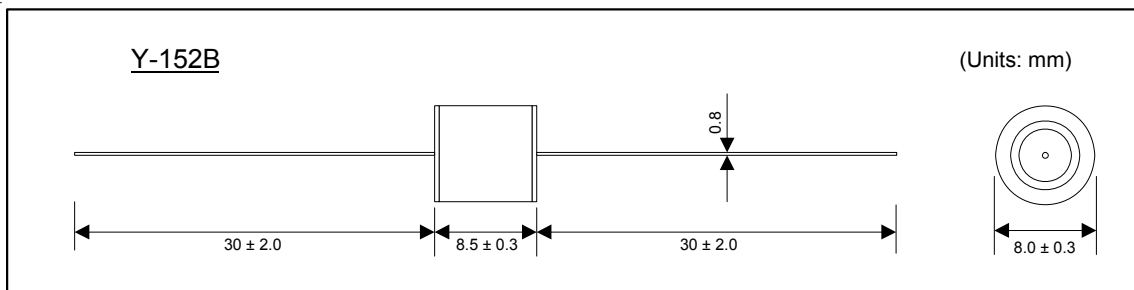


# Two Electrode Gas Tube Surge Arrester

Part Number: **Y-152B**



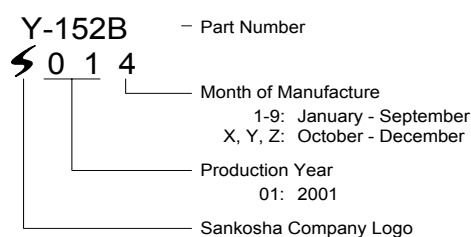
- Features:**
- UL 1449 Listed (File E328370)
  - Non-Radioactive
  - 100% Lead-Free (RoHS Compliant)
  - Low Capacitance
  - Proven Performance
  - ISO 9001 Certified
  - World Renowned Quality



**Applications:**

- Transient Voltage Surge Suppression (TVSS)
- AC Line Input Protection
- Power Supplies
- CATV Systems
- Antennas
- Test Equipment
- Digital Satellite Systems (DSS)

**Marking**



**Electrical Characteristics**

|    |                           |              |                |                       |                  |
|----|---------------------------|--------------|----------------|-----------------------|------------------|
| 1. | DC Breakdown Voltage      | 100 V/sec    | 1500V ± 15%    |                       |                  |
| 2. | Impulse Breakdown Voltage | 100 V/μsec   | < 2200 V       |                       |                  |
| 3. | Insulation Resistance     | DC 500 V     | > 10,000 M-ohm |                       |                  |
| 4. | Capacitance               | 1 MHz        | < 1.0 pF       |                       |                  |
| 5. | Impulse Discharge Current | 8/20 μsec    | 3 kA           | Each Polarity 5 Times | 3 Min. Intervals |
|    |                           | 8/20 μsec    | 10 kA          | 1 Time                |                  |
| 6. | Impulse Life              | 10/1000 μsec | 500 A          | 10 Times              |                  |
| 7. | AC Discharge Current      | 50 Hz        | 9 cycles       | 5 A                   | 1 Time           |
|    |                           | 50 Hz        | One Second     | 1 A                   | 10 Times         |

**After Life Tests**

|     |                           |            |             |  |  |
|-----|---------------------------|------------|-------------|--|--|
| 8.  | DC Breakdown Voltage      | 100 V/sec  | 1500V ± 50% |  |  |
| 9.  | Impulse Breakdown Voltage | 100 V/μsec | < 3300 V    |  |  |
| 10. | Insulation Resistance     | DC 500 V   | > 1 M-ohm   |  |  |

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