

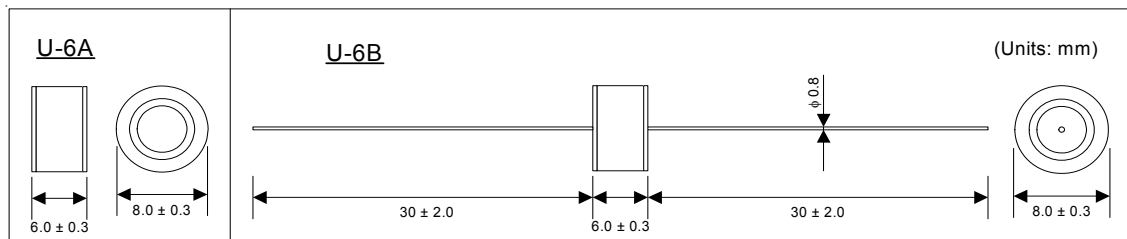
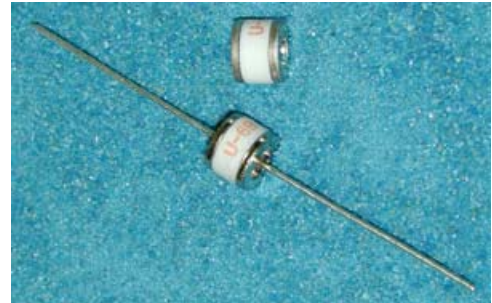
# Two Electrode Gas Tube Surge Arrester

Part Number: **U-6A / U-6B**



**Applications:**

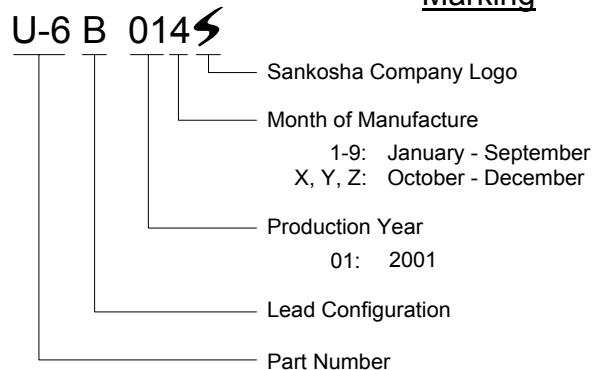
- Transient Voltage Surge Suppression (TVSS)
- Cable Telephony Products
- Modems/Cable Modems
- Broadband/CATV/Coaxial Protectors
- xDSL Modems and Peripherals
- Building Entry/Outside Plant



**Features:**

- UL 497B Recognized
- UL File E140906
- Non-Radioactive
- 100% Lead-Free (RoHS Compliant)
- Low Capacitance
- Proven Performance
- ISO 9001 Certified
- World Renowned Quality

**Marking**



**Electrical Characteristics**

|    |                           |              |                |   |          |
|----|---------------------------|--------------|----------------|---|----------|
| 1. | DC Breakdown Voltage      | 100 V/sec    | 300V ± 15%     |   |          |
| 2. | Impulse Breakdown Voltage | 100 V/μsec   | ≤ 700V         |   |          |
|    |                           | 1 kV/μsec    | ≤ 850V         |   |          |
| 3. | Insulation Resistance     | DC 100V      | ≥ 10,000 M-ohm |   |          |
| 4. | Capacitance               | 1 MHz        | ≤ 1.0 pF       |   |          |
| 5. | DC Holdover Voltage       | See Note     | ≤ 150V         | Note: ITU-T K.12 or IEEE C62.31-1987 Test Circuit |          |
| 6. | Impulse Life              | 10/1000 μsec | 500 A          | 500 Times   |          |
| 7. | Impulse Discharge Current | 8/20 μsec    | 10 kA          | 1 Time  |          |
|    |                           | 8/20 μsec    | 5 kA           | Each Polarity 5 Times                             |          |
| 8. | AC Discharge Current      | 50 Hz        | 9 Cycles       | 65 A  | 1 Time   |
|    |                           | 50 Hz        | One Second     | 10 A  | 10 Times |

**After Life Tests**

|     |                           |            |           |  |  |
|-----|---------------------------|------------|-----------|--|--|
| 9.  | DC Breakdown Voltage      | 100 V/sec  | 300 ± 50% |  |  |
| 10. | Impulse Breakdown Voltage | 100 V/μsec | ≤ 1050V   |  |  |
| 11. | Insulation Resistance     | DC 50 V    | ≥ 1 M-ohm |  |  |

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