

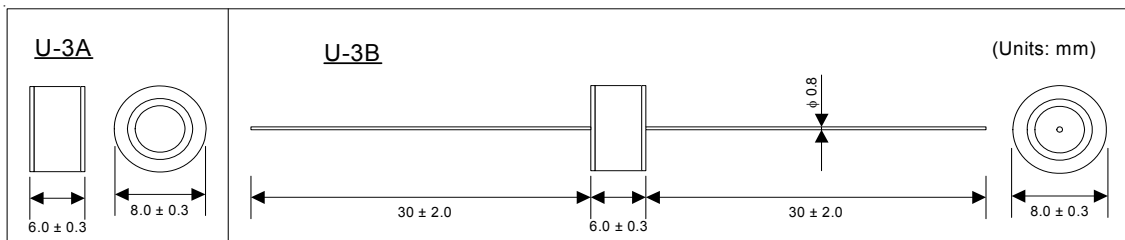
Two Electrode Gas Tube Surge Arrester



Part Number: **U-3A / U-3B**

Applications:

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

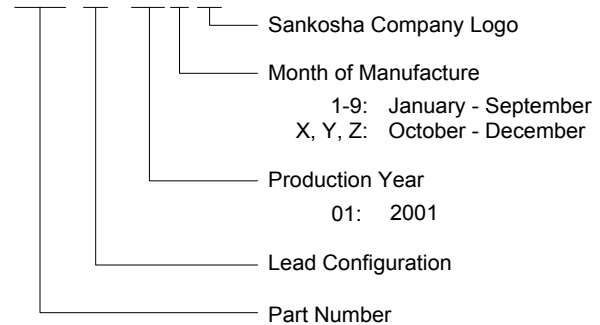


Features:

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

Marking

U-3 B 014 ⚡



Electrical Characteristics

1.	DC Breakdown Voltage	100 V/sec	145V ± 15%		
2.	Impulse Breakdown Voltage	100 V/μsec	≤ 500V		
		1 kV/μsec	≤ 700V		
3.	Insulation Resistance	DC 50V	≥ 10,000 M-ohm		
4.	Capacitance	1 MHz	≤ 1.0 pF		
5.	DC Holdover Voltage	See Note	≤ 80V	Note: ITU-T K.12 or IEEE C62.31-1987 Test Circuit	
6.	Impulse Life	10/1000 μsec	500 A	300 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	5 Times

After Life Tests

9.	DC Breakdown Voltage	100 V/sec	145 ± 50%		
10.	Impulse Breakdown Voltage	100 V/μsec	≤ 750V		
11.	Insulation Resistance	DC 50 V	≥ 1 M-ohm		

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