

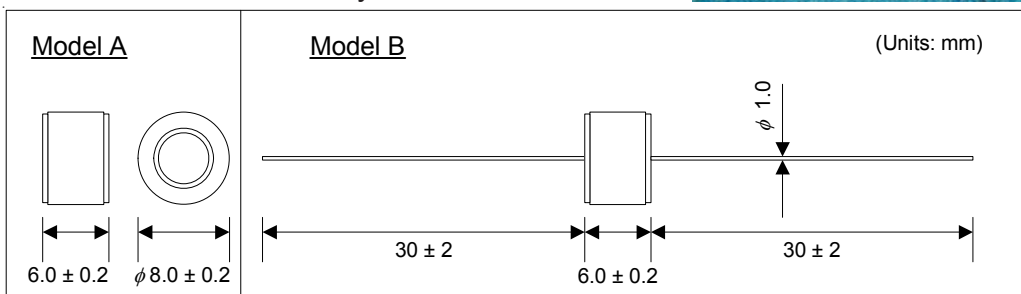
# Two Electrode Gas Tube Surge Arrester

Part Number: Y08JS-90



**Features:**

- Durable Construction
- Non-Radioactive
- 100% Lead-Free (RoHS Compliant)
- Low Capacitance
- Proven Performance
- ISO 9001 Certified
- World Renowned Quality



**Applications:**

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

**JS90B14**

**Marking**

- Sankosha Company Logo
- Month of Manufacture  
1-9: January - September  
X, Y, Z: October - December
- Production Year  
1: 2001
- Lead Configuration  
A: No Leads  
B: Axial Leads  
AF1: With Fail Safe
- Part Number Abbreviation

**Electrical Characteristics**

1.	DC Breakdown Voltage	100 V/sec	72 - 108V		
2.	Impulse Breakdown Voltage	100 V/μsec	< 450V		
		1 kV/μsec	< 500V		
3.	Insulation Resistance	DC 50V	> 10,000 M-ohm		
4.	Capacitance	1 MHz	< 1.5 pF		
5.	DC Holdover Voltage	See Note	< 52V	Note: ITU-T K.12 or IEEE C62.31-1987 Test Circuit	
6.	Impulse Life	10/1000 μsec	100A	> 300 times	
7.	Impulse Discharge Current	8/20 μsec	20 kA	1 Time	
		8/20 μsec	15 kA	Each Polarity 5 Times	
8.	AC Discharge Current	50 Hz	9 Cycles	90 A	1 Time
		50 Hz	One Second	20 A	10 Times

**After Life Tests**

9.	DC Breakdown Voltage	100 V/sec	90 ± 50%		
10.	Impulse Breakdown Voltage	100 V/μsec	< 900V		
11.	Insulation Resistance	DC 50V	> 100 M-ohm		

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