

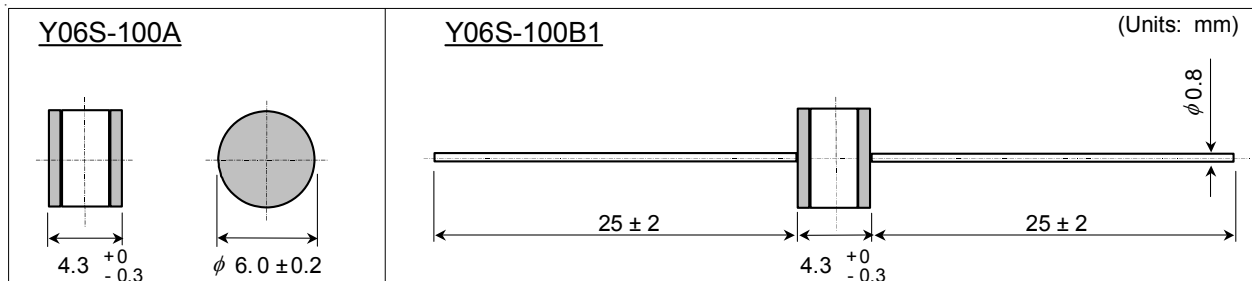
Two Electrode Gas Tube Surge Arrester

Part Number: **Y06S-100A / Y06S-100B1**



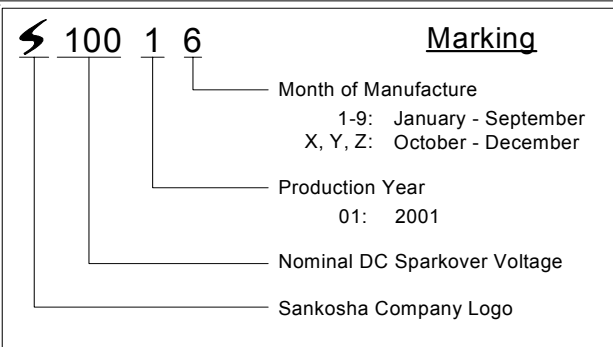
Applications:

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



Features:

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



Marking

- Month of Manufacture
1-9: January - September
X, Y, Z: October - December
- Production Year
01: 2001
- Nominal DC Sparkover Voltage
- Sankosha Company Logo

Electrical Characteristics

1.	DC Breakdown Voltage	100 V/sec	100V ± 20%		
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	< 52V	Note: ITU-T K.12 or IEEE C62.31-1987 Test Circuit	
6.	Impulse Life	10/1000 μsec	100A	> 200 times	
7.	Impulse Discharge Current	8/20 μsec	3 kA	1 Time	
		8/20 μsec	2.5 kA	Each Polarity 5 Times	
8.	AC Discharge Current	50 Hz	9 Cycles	20 A	1 Time
		50 Hz	One Second	5 A	10 Times

After Life Tests

9.	DC Breakdown Voltage	100 V/sec	100 ± 50%		
10.	Impulse Breakdown Voltage	100 V/μsec	< 600V		
11.	Insulation Resistance	DC 50V	> 100 M-ohm		

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