

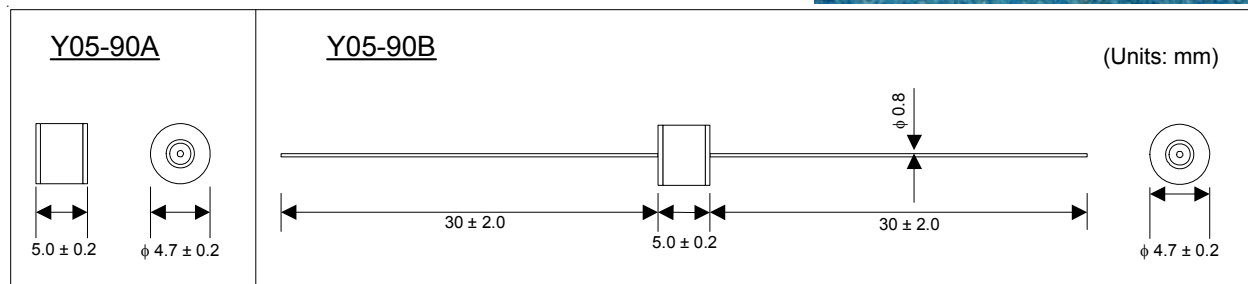
Two Electrode Gas Tube Surge Arrester

Part Number: **Y05-90A / Y05-90B**



Applications:

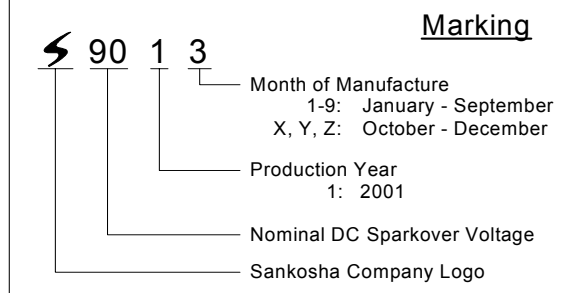
- Transient Voltage Surge Suppression (TVSS)
- Cable Telephony Products
- Modems/Cable Modems
- Broadband/CATV/Coaxial Protectors
- xDSL Modems and Peripherals
- Building Entry/Outside Plant



Features:

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

Marking



Electrical Characteristics

1.	DC Breakdown Voltage	100 V/sec	90V ± 20%		
2.	Impulse Breakdown Voltage	1 kV/μsec	< 500V		
3.	Insulation Resistance	DC 50V	> 10,000 M-ohm		
4.	Capacitance	1 MHz	< 1.0 pF		
5.	DC Holdover Voltage	See Note	< 52V	Note: In accordance with ITU-T K.12	
6.	Impulse Life	10/1000 μsec	100A	> 300 times	
7.	Impulse Discharge Current	8/20 μsec	5 kA	Each Polarity 5 Times	
8.	AC Discharge Current	50 Hz	One Second	5 A	5 Times

After Life Tests

9.	DC Breakdown Voltage	100 V/sec	65-120V		
10.	Impulse Breakdown Voltage	1 kV/μsec	< 600V		
11.	Insulation Resistance	DC 50V	> 100 M-ohm		

SANKOSHA

SANKOSHA