

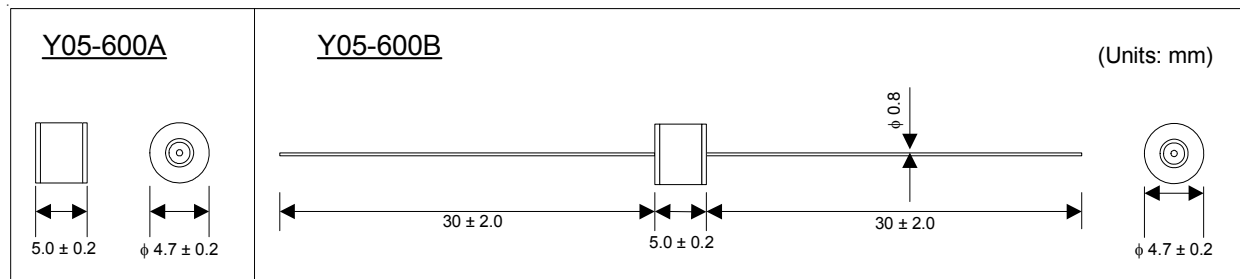
# Two Electrode Gas Tube Surge Arrester

Part Number: **Y05-600A / Y05-600B**



**Applications:**

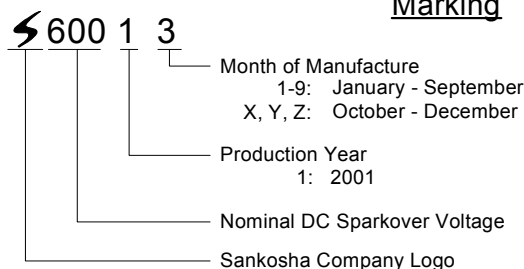
- Transient Voltage Surge Suppression (TVSS)
- Cable Telephony Products
- Modems/Cable Modems
- Broadband/CATV/Coaxial Protectors
- xDSL Modems and Peripherals
- Building Entry/Outside Plant



**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	600V ± 20%		
2.	Impulse Breakdown Voltage	1 kV/μsec	< 1000V		
3.	Insulation Resistance	DC 250V	> 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/Test 1	
6.	Impulse Life	10/1000 μsec	100A	> 300 times	
7.	Impulse Discharge Current	8/20 μsec	2.5 kA	Each Polarity 5 Times	
8.	AC Discharge Current	50 Hz	One Second	5 A	10 Times

**After Life Tests**

9.	DC Breakdown Voltage	100 V/sec	450-780 V		
10.	Impulse Breakdown Voltage	1 kV/μsec	< 1200 V		
11.	Insulation Resistance	DC 250V	> 100 M-ohm		

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