

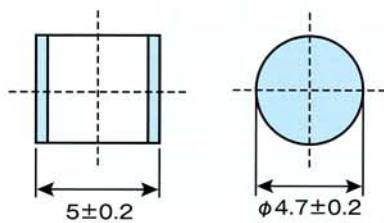
# Y05 Series

## Electrical Characteristics

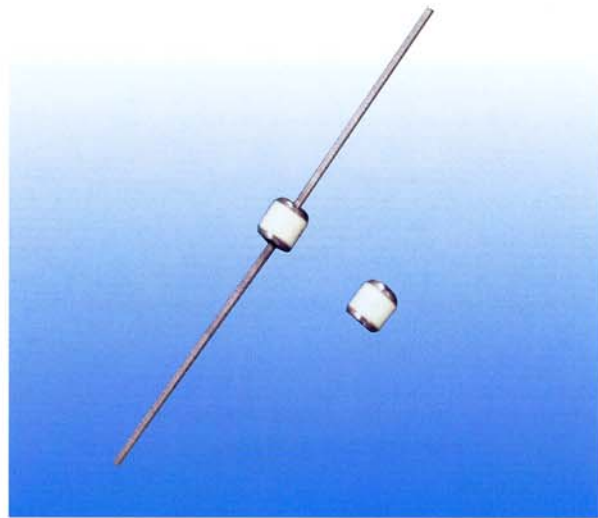
Part Number		Y05-90	Y05-230	Y05-350	Y05-600
DC Spark-over Voltage	100V/s(V)	90V±20%	230V±20%	350V±20%	600V±20%
Impulse Spark-over Voltage	1kV/μs(V)	≤500V	≤650V	≤750V	≤1,000V
Insulation Resistance	(Ω)	>10G(50VDC)	>10G(100VDC)	>10G(100VDC)	>10G(250VDC)
Capacitance	1MHz	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF
DC Holdover Voltage	(V)	52V	52V	52V	52V
Impulse Life	10/1000μs	100A, 300times	100A, 300times	100A, 300times	100A, 300times
Impulse Discharge Current, 8/20μs	Repeat 10 times (5 times each polarity)	5kA	5kA	5kA	2.5kA
AC Discharge Current, 50Hz	Repeat 1 sec.	5A, 5times	5A, 10times	5A, 10times	5A, 10times

\*Test circuit shall comply with ITU-T Figure4/K.12

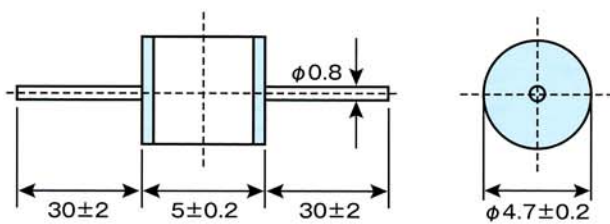
### Model A



Body : Nickel Plated  
Lead Wire : Tin Plated unit : mm



### Model B



Body : Nickel Plated  
Lead Wire : Tin Plated unit : mm

### Marking

 23068

\*Position optional

 -Symbol Logo  
230 -Nominal DC Spark-over Voltage (V)  
6 -Production Year ex) 2006 : 6  
8 -Production Month  
Jan.~Sep. : 1~9  
Oct.~Dec. : X.Y.Z

### Packing

Packing Form : Poly Bag  
-Standard Q TY(pcs) : 200(B-Type)

### Note:

1. Insulation Resistance shall be measured with the following voltages for each nominal DC Sparkover Voltage.

Nominal DC Sparkover Voltage	Measuring Voltage
100V	DC 50V
230 - 350V	DC 100V

2. DC Holdover Voltage shall be measured in accordance with the ITU-T K.12, Test Circuit or the IEEE C62.31-1987 Test Circuit.