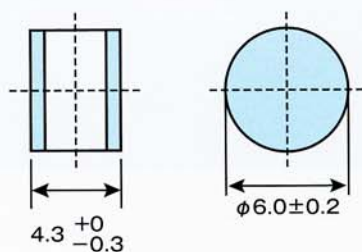


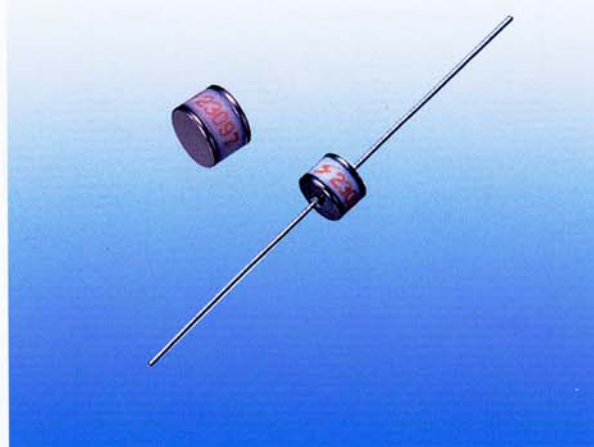
Y06S Series (Miniature)

| Part Number | Model A | Y06S-100A | Y06SZ-230A | Y06SZ-350A |
|-----------------------------------|--|------------|-------------|-------------|
| | Model B1 | Y06S-100B1 | Y06SZ-230B1 | Y06SZ-350B1 |
| DC Spark-over Voltage | 100V/s | 100V±20% | 230V±20% | 350V±20% |
| Impulse Spark-over Voltage | 100V/μs | ≤500V | ≤500V | ≤600V |
| | 1kV/μs | ≤700V | ≤700V | ≤800V |
| Insulation Resistance | See Note.1 | ≥10,000MΩ | ≥10,000MΩ | ≥10,000MΩ |
| Capacitance | 1MHz | ≤1.0pF | ≤1.0pF | ≤1.0pF |
| DC Holdover Voltage | See Note.2 | ≤52V | ≤135V | ≤135V |
| Impulse Life | 10/1000μs, 100A | 200times | 200times | 200times |
| Impulse Discharge Current, 8/20μs | Single | 3kA | 10kA | 10kA |
| | Repeat 10 times (5 times, each polarity) | 2.5kA | 5kA | 5kA |
| AC Discharge Current, 50Hz | Single, 9 Cycles | 20A | 20A | 20A |
| | Repeat 1sec 10 times | 2.5A | 5A | 5A |

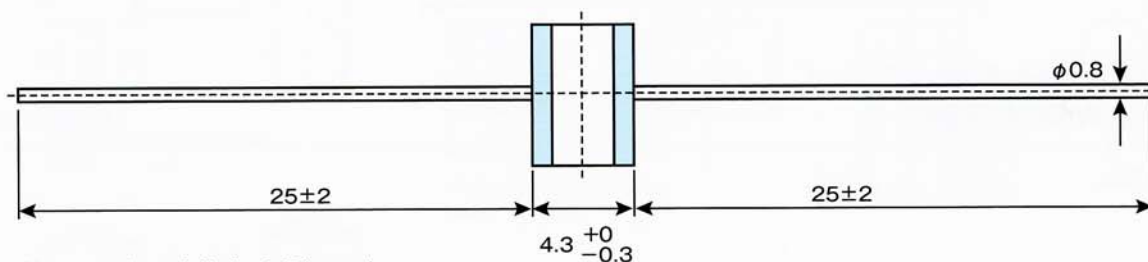
Model A



Electrodes: Nickel Plated
Unit Weight: 0.6g Units: mm



Model B1



Electrodes: Nickel Plated
Leads: Tin Plated
Unit Weight: 0.7g Units: mm

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.