

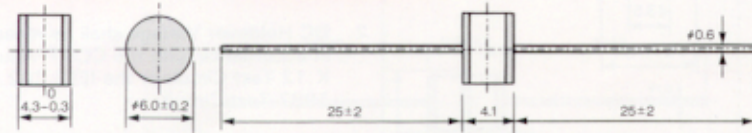
Y06S & 3Y06 SERIES

| PART NUMBER | | DC SPARK-OVER VOLTAGE 100V/s (V) | IMPULSE SPARKOVER VOLTAGE | | INSULATION RESISTANCE See Note 1 (MΩ min) | CAPACITANCE 1MHz (pF max) | DC HOLDOVER VOLTAGE See Note 2 (V max) | IMPULSE LIFE 10/1000μs 100A (Times) | IMPULSE DISCHARGE CURRENT 8/20μs | | AC DISCHARGE CURRENT 50Hz | |
|-------------------------|--|--|---------------------------|-------------------|---|---------------------------------|--|--|---|----------------|--|---------------------------------|
| | | | 100V/μs (V max) | 1kV/μs (V max) | | | | | REPEAT 10 Times (5 times each polarity) (kA) | SINGLE (kA) | REPEAT 5 Times 1 sec. (Amp RMS) | SINGLE 9 Cycles (Amp RMS) |
| Model A Without Lead | Model B, P1 With Lead | | | | | | | | | | | |
| Y06S-100A | See Dimension Drawings for Lead Suffixes | 100±20 | 500 | 700 | 10,000 | 1.0 | 52 | 200 | N/A | 3 | N/A | 20 |
| Y06SZ-230A | | 230±50 | 500 | 700 | 10,000 | 1.0 | 135 | 200 | 5 | N/A | 5 | 20 |
| Y06SZ-350A | | 350±70 | 600 | 800 | 10,000 | 1.0 | 135 | 200 | 5 | N/A | 5 | 20 |
| 3Y06-90A | | 90±20% | 700 | 850 | 10,000 | 3.0 | 52 | 100 | 2.5×2 | 5×2 | 2.5×2 | 20×2 |
| 3Y06-230A | | 230±20% | 500 | 650 | 10,000 | 3.0 | 135 | 100 | 2.5×2 | 5×2 | 2.5×2 | 20×2 |
| 3Y06-350A | | 350±20% | 600 | 750 | 10,000 | 3.0 | 150 | 100 | 2.5×2 | 5×2 | 2.5×2 | 20×2 |

Unit : mm Lead Wire : Tin Plated

Y06S Model A

Y06S Model B



3Y06 Model A

3Y06 Model P1



Note:

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

| Nominal DC Sparkover Voltage | Measuring Voltage |
|------------------------------|-------------------|
| 90-100V: | DC 50V |
| 230-350V: | DC 100V |

- DC Holdover Voltage shall be measured in accordance with the CCITT Volume IX K.12 Test Circuit or the IEEE C62.31-1987 Test Circuit.

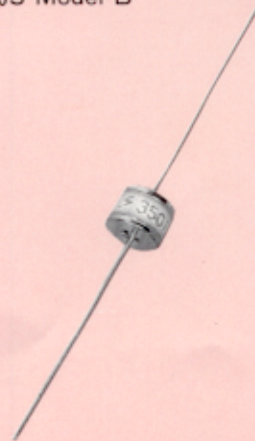
- Unit Weight (Approx.)

| | |
|----------------|------|
| Y06S Model A: | 0.6g |
| Y06S Model B: | 0.7g |
| 3Y06 Model A: | 1.3g |
| 3Y06 Model P1: | 1.4g |

Y06S Model A



Y06S Model B



3Y06 Model P1

