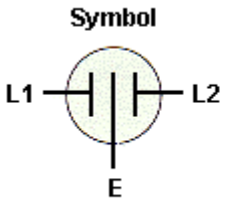
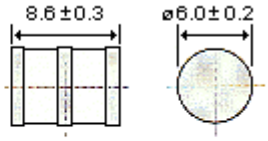
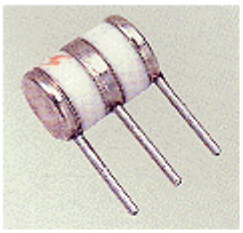
3Y06 Series - Miniature Three electrode



Model A
Fig. 1

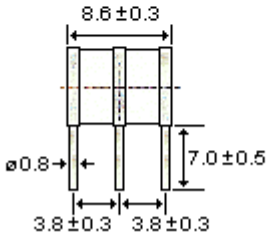


Electrodes : Nickel Plated
(Tin Plated are available by request)
Unit Weight : 1.3g
Units : mm



Model P1
Fig. 2

Electrodes : Nickel Plated
Leads : Tin Plated
Unit Weight : 1.4g
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
90V	DC 50V
230 ~ 350V	DC 100V

2. DC Holdover Voltage shall be comply with ITU-T K.12.

3. After Impulse Life, Impulse & AC Discharge Current Test

A. DC Sparkover Voltage : 90V ± 50%
Impulse Sparkover Voltage : ≤ 900V
Insulation Resistance : ≥ 100Mohm
s

B. DC Sparkover Voltage : 180 ~ 300V
Impulse Sparkover Voltage : ≤ 900V
Insulation Resistance : ≥ 100Mohm

C. DC Sparkover Voltage : 350V ± 50%
Impulse Sparkover Voltage : ≤ 900V
Insulation Resistance : ≥ 100Mohm

Part Number	Model **A** : Without Leads	See Fig. 1	**3Y06-90A**	**3Y06-230A**	**3Y06-350A**
	Model **P1** : With leadss	See Fig. 2	**3Y06-90P1**	**3Y06-230P1**	**3Y06-350P1**
DC Sparkover Voltage (L1-E)(L2-E)		100V/S	90V ± 20%	230V ± 20%	350V ± 20%
Impulse Sparkover Voltage (L1-E)(L2-E)		1kV/µs	≤ 850V	≤ 700V	≤ 750V
Insulation Resistance		100V DC	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm
Capacitance		1MHz	≤ 3.0pF	≤ 3.0pF	≤ 3.0pF
DC Holdover Voltage		See Note 1	≤ 52V	≤ 135V	≤ 150V
Impulse Life(L1 + L2-E)		10/1000µs, 200A	100 times See Note 3A	100 times See Note 3B	100 times See Note 3C
Impulse Discharge Current, 8/20µs (L1 + L2-E)		Repeat 10 times (5 Times - each polarity)	5kA See Note 3A	10kA See Note 3B	5kA See Note 3C
AC Discharge Current, 50Hz (L1 + L2-E)		Repeat 5 times (1 second)	5A See Note 3A	10A See Note 3B	5A See Note 3C