

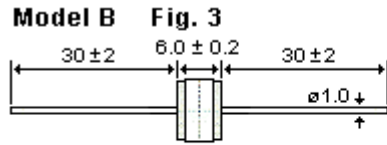
Y08JS Series - Two Electrode



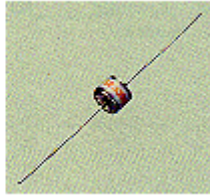
Model A Fig. 1
 6.0 ± 0.2 $\varnothing 8.0 \pm 0.2$
 Body: Nickel Plated
 Unit Weight: 1.5g
 Units: mm



Model AF1 Fig. 2
 Max 7 $\varnothing 8.0 \pm 0.2$ Max 3 Max 9.5
 6.0 ± 0.2
 Body: Nickel Plated
 Unit Weight: 1.5g
 Units: mm



Model B Fig. 3
 Electrodes: Nickel Plated
 Leads: Tin Plated
 Unit Weight: 1.9g
 Units: mm



Model YX Fig. 4
 20 ± 0.5 $\varnothing 8$ $\varnothing 7.6 \pm 0.2$
 Electrodes: Nickel Plated
 Leads: N/A
 Unit Weight: 4.0g
 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
90 ~ 145V	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.

3. Fail-safe Operation Time

50Hz	0.7A: 210sec.
	2.0A: 60sec.
	7.0A: Instantaneous

P a r t N u m b e r	Model A: Without Leads	See Fig. 1	Y08JS-90A	Y08JS-145A	Y08JS-230A	Y08JS-250A	Y08JS-350A
	Model B: With Leads	See Fig. 3	Y08JS-90B	Y08JS-145B	Y08JS-230B	Y08JS-250B	Y08JS-350B
	Model AF1: With Fail-Safe (See Note 3)	See Fig. 2	N/A	N/A	Y08JS-230AF1	N/A	N/A
	Model YX	See Fig. 4	Y08JS-90YX	Y08JS-145YX	Y08JS-230YX	Y08JS-250YX	Y08JS-350YX
DC Sparkover Voltage	100V/S	70 - 110V	115 - 175V	180 - 280V	200 - 300V	290 - 430V	
Impulse Sparkover Voltage	100V/ μ s	$\leq 700V$	$\leq 700V$	$\leq 700V$	$\leq 700V$	$\leq 700V$	
	1KV/ μ s	$\leq 800V$	$\leq 800V$	$\leq 800V$	$\leq 800V$	$\leq 800V$	
Insulation Resistance	See Note 1	$\geq 10,000\text{Mohm}$	$\geq 10,000\text{Mohm}$	$\geq 10,000\text{Mohm}$	$\geq 10,000\text{Mohm}$	$\geq 10,000\text{Mohm}$	
Capacitance	1MHz	$\leq 1.5\text{pF}$	$\leq 1.5\text{pF}$	$\leq 1.5\text{pF}$ See Note 4	$\leq 1.5\text{pF}$	$\leq 1.5\text{pF}$	
DC Holdover Voltage	See Note 2	$\leq 52V$	$\leq 52V$	$\leq 52V$	$\leq 52V$	$\leq 52V$	
Impulse Life	10/1000 μ s, 100A	300 times	300 times	300 times	300 times	300 times	
Impulse Discharge Current, 8/20 μ s	Single	20kA	20kA	20kA	20kA	20kA	
	Repeat 10 times (5 Times - each polarity)	15kA	15kA	15kA	15kA	15kA	
AC Discharge Current, 50Hz	Single, 9 Cycles	90A	90A	90A	90A	90A	
	Repeat 1 sec. 10 times	20A	20A	20A	20A	20A	