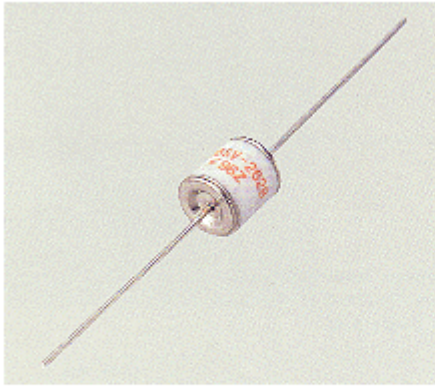
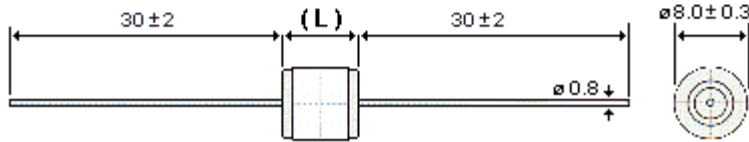


Y08 Series - Two Electrode

YZ, Y Series (UL Approved)



Model B Fig. 1



Note :

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

Nominal DC Sparkover Voltage	Measuring Voltage
1,000V	DC 250V
1,500 ~ 2,100V	DC 500V
2,400 ~ 6,000V	DC 1,000V

2. Measured with an 8/20 μ s, 100A impulse

3. Repeat 10 times for each polarity.

4. All UL Approved Part Number Models are Recognized under **UL1449, File Number E96234**

5. Y08SV-272B is also Recognized under **UL1414, File Number E165829**

Part Number	Model B With Axial Leads See Figure 1	Standard P/N	Y08Z-102B	Y08-152B	Y08-212B	Y08-242B	Y08-302B
		UL Approved P/N See Notes 4 & 5	YZ-102B	Y-152B	Y-212B	Y-242B	Y-302B
		"L" in mm	8.0 \pm 0.3	8.5 \pm 0.3	8.5 \pm 0.3	8.5 \pm 0.3	8.5 \pm 0.3
		Unit Weight (g)	1.5	1.5	1.5	1.5	1.5
DC Sparkover Voltage	100V/S	1,000V \pm 20%	1,500V \pm 15%	2,100V \pm 20%	2,400V \pm 20%	3,000V \pm 20%	
Impulse Sparkover Voltage	100V/ μ s	\leq 1,500V	\leq 2,200V	\leq 2,700V	\leq 3,000V	\leq 4,000V	
Insulation Resistance	See Note 1	\geq 10,000Mohm	\geq 10,000Mohm	\geq 10,000Mohm	\geq 10,000Mohm	\geq 10,000Mohm	
Capacitance	1MHz	\leq 1.0pF	\leq 1.0pF	\leq 1.0pF	\leq 1.0pF	\leq 1.0pF	
Impulse Life	10/1000 μ s, 500A	200 times	10 times	10 times	10 times	10 times	
Impulse Discharge Current, 8/20 μ s	Single	10kA	10kA	10kA	10kA	10kA	
	Repeat 10 times (5 Times - each polarity)	3kA	3kA	3kA	3kA	1kA	
AC Discharge Current, 50Hz	Single, 9 Cycles	5A	5A	5A	5A	5A	
	Repeat 1 sec. 10 times	1A	1A	1A	1A	1A	

Y08 Series - Two Electrode

P a r t N u m b e r	Model B With Axial Leads See Figure 1	Standard P/N	Y08-402B	Y08-602B	N/A	N/A
		UL Approved P/N See Notes 4 & 5	Y-402B	Y-602B	Y08SV-262B	Y08SV-272B
		"L" in mm	8.5 ± 0.3	13.0 ± 0.3	8.8 ± 0.3	8.8 ± 0.3
		Unit Weight (g)	1.5	1.9	1.6	1.6
DC Sparkover Voltage	100V/S	4,000V ± 20%	6,000V ± 20%	2,400 ~ 2,860V at 5kV/s	2,340 ~ 2,970V at 5kV/s	
Impulse Sparkover Voltage	100V/μs	≤ 5,000V	≤ 8,000V	≤ 3,700V	≤ 3,700V	
Insulation Resistance	See Note 1	≥ 10,000Mohm	≥ 10,000Mohm	≥ 100Mohm	≥ 100Mohm	
Capacitance	1MHz	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	
Impulse Life	10/1000μs, 500A	10 times	10 times	300 times See note 2	300 times See note 2	
Impulse Discharge Current, 8/20μs	Single	10kA	10kA	N/A	N/A	
	Repeat 10 times (5 Times - each polarity)	1kA	1kA	3kA See note 3	3kA See note 3	
AC Discharge Current, 50Hz	Single, 9 Cycles	5A	5A	N/A	N/A	
	Repeat 1 sec. 10 times	1A	1A	N/A	N/A	