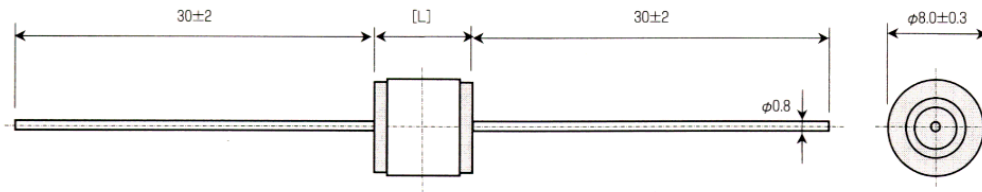
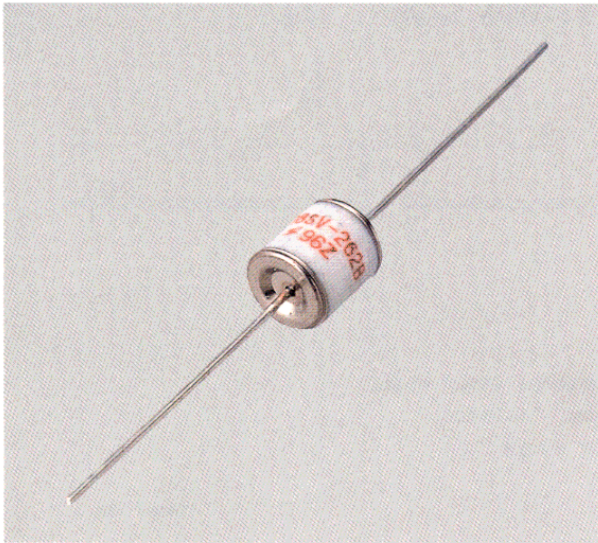


Y08 Series (Two Electrode)

YZ, Y Series (UL Approved)

Model B



Body : Nickel Plated
Lead Wire : Tin Plated

Units : mm

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

Y08 Series (Two Electrode)

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**.

Y08-242B	Y08-302B	Y08-402B	Y08-602B		
Y-242B	Y-302B	Y-402B	Y-602B	Y08SV-262B	Y08SV-272B
8.5±0.3	8.5±0.3	8.5±0.3	13.0±0.3	8.8±0.3	8.8±0.3
1.5	1.5	1.5	1.9	1.6	1.6

2,400V±20%	3,000V±20%	4,000V±20%	6,000V±20%	2,400 ~ 2,860V at 5kV/s	2,340 ~ 2,970V at 5kV/s
≤ 3,000V	≤ 4,000V	≤ 5,000V	≤ 8,000V	≤ 3,700V	≤ 3,700V
≥ 10,000MΩ	≥ 10,000MΩ	≥ 10,000MΩ	≥ 10,000MΩ	≥ 100MΩ	≥ 100MΩ
≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF
10 times	10 times	10 times	10 times	300 times See Note 2	300 times See Note 2
10kA	10kA	10kA	10kA	N/A	N/A
3kA	1kA	1kA	1kA	3kA See Note 3	3kA See Note 3
5A	5A	5A	5A	N/A	N/A
1A	1A	1A	1A	N/A	N/A