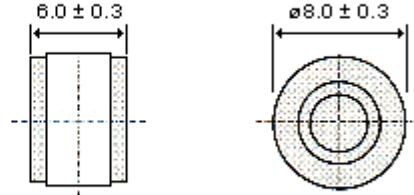


Y08U and Y08UZ Series - Two Electrode

U-Series (UL Approved)

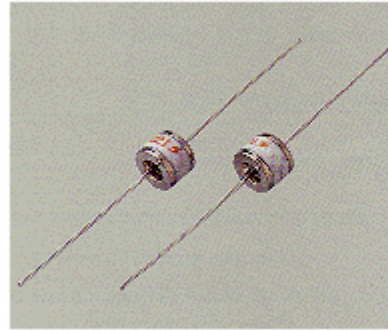


Model A : Without Leads Fig. 1

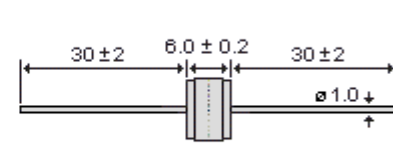


Body: Nickel Plated
Unit Weight: 1.3g
Units: mm

U-Series (UL Approved)



Model B : With Leads Fig. 2



Electrodes: Nickel Plated
Leads: Tin Plated
Unit Weight: 1.6g
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
75 ~ 145V	DC 50V
230 ~ 400V	DC 100V
470 ~ 800V	DC 250V

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. Recognized under UL497B, File Number E140906

Part Number	Standard P/N	Model A Without Leads	See Fig. 1	Y08U-75A	Y08U-90A	Y08UZ-145A	Y08UZ-230A	Y08UZ-250A	Y08UZ-300A
		Model B With Leads	See Fig. 2	Y08U-75B	Y08U-90B	Y08UZ-145B	Y08UZ-230B	Y08UZ-250B	Y08UZ-300B
UL Approved P/N See Note 3	Model A Without Leads	See Fig. 1	U-1A	U-2A	U-3A	U-4A	U-5A	U-6A	
	Model B With Leads	See Fig. 2	U-1B	U-2B	U-3B	U-4B	U-5B	U-6B	
DC Sparkover Voltage	100V/S	75V ± 20%	90V ± 20%	145V ± 15%	230V ± 15%	255V ± 15%	300V ± 15%		
Impulse Sparkover Voltage	100V/μs	≤ 500V	≤ 500V	≤ 500V	≤ 600V	≤ 600V	≤ 700V		
	1KV/μs	≤ 700V	≤ 700V	≤ 700V	≤ 750V	≤ 800V	≤ 850V		
Insulation Resistance	See Note 1	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm		
Capacitance	1MHz	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF		
DC Holdover Voltage	See Note 2	≤ 52V	≤ 52V	≤ 80V	≤ 135V	≤ 135V	≤ 150V		
Impulse Life	10/1000μs, 500A	300 times	300 times	300 times	300 times	500 times	500 times		
Impulse Discharge Current, 8/20μs	Single	10kA	10kA	10kA	10kA	10kA	10kA		
	Repeat 10 times (5 Times - each polarity)	5kA	5kA	5kA	5kA	5kA	5kA		
AC Discharge Current, 50Hz	Single, 9 Cycles	65A	65A	65A	65A	65A	65A		
	Repeat 1 sec.	10A, 5 times	10A, 5 times	10A, 5 times	10A, 5 times	10A, 10 times	10A, 10 times		

Y08U and Y08UZ Series - Two Electrode

P a r t N u m b e r	Standard P/N	Model A Without Leads	See Fig. 1	Y08U-350A	Y08U-400A	Y08UZ-470A	Y08UZ-600A	Y08UZ-800A
		Model B With Leads	See Fig. 2	Y08U-350B	Y08U400B	Y08UZ-470B	Y08UZ-600B	Y08UZ-800B
	UL Approved P/N See Note 3	Model A Without Leads	See Fig. 1	U-7A	U-8A	U9A	U-10A	U-11A
		Model B With Leads	See Fig. 2	U-7B	U-8B	U-9B	U-10B	U-11B
DC Sparkover Voltage		100V/S	350V ± 15%	400V ± 15%	470V ± 15%	600V ± 15%	800V ± 15%	
Impulse Sparkover Voltage		100V/μs	≤ 700V	≤ 700V	≤ 700V	≤ 800V	≤ 1,000V	
		1KV/μs	≤ 850V	≤ 850V	≤ 850V	≤ 1,00V	≤ 1,200V	
Insulation Resistance		See Note 1	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm	≥ 10,000Mohm	
Capacitance		1MHz	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	≤ 1.0pF	
DC Holdover Voltage		See Note 2	≤ 150V	≤ 150V	≤ 150V	≤ 150V	≤ 150V	
Impulse Life		10/1000μs, 500A	500 times	500 times	500 times	500 times	500 times	
Impulse Discharge Current, 8/20μs		Single	10kA	10kA	10kA	10kA	10kA	
		Repeat 10 times (5 Times - each polarity)	5kA	5kA	5kA	5kA	5kA	
AC Discharge Current, 50Hz		Single, 9 Cycles	65A	65A	65A	65A	65A	
		Repeat 1 sec.	10A, 10 times	10A, 10 times	10A, 10 times	10A, 10 times	10A, 10 times	