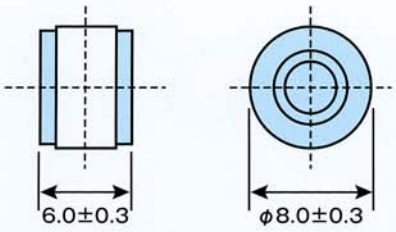
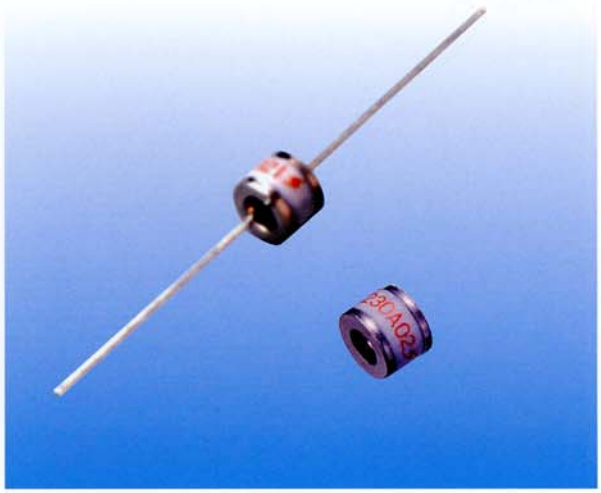
Y08U and Y08UZ Series

Part Number												
Standard P/N		Model A	Y08U-75A	Y08U-90A	Y08UZ-145A	Y08UZ-230A	Y08UZ-250A	Y08UZ-300A	Y08UZ-350A	Y08UZ-400A	Y08UZ-470A	Y08UZ-600A	Y08UZ-800A
		Model B	Y08U-75B	Y08U-90B	Y08UZ-145B	Y08UZ-230B	Y08UZ-250B	Y08UZ-300B	Y08UZ-350B	Y08UZ-400B	Y08UZ-470B	Y08UZ-600B	Y08UZ-800B
UL Approved P/N See Note3		Model A	U-1A	U-2A	U-3A	U-4A	U-5A	U-6A	U-7A	U-8A	U-9A	U-10A	U-11A
		Model B	U-1B	U-2B	U-3B	U-4B	U-5B	U-6B	U-7B	U-8B	U-9B	U-10B	U-11B
DC Sparkover Voltage		100V/s	75V±20%	90V±20%	145V±15%	230V±15%	250V±15%	300V±15%	350V±15%	400V±15%	470V±15%	600V±15%	800V±15%
Impulse Sparkover Voltage		100V/μs	≤500V	≤500V	≤500V	≤600V	≤600V	≤700V	≤700V	≤700V	≤700V	≤800V	≤1,000V
		1kV/μs	≤700V	≤700V	≤700V	≤750V	≤800V	≤850V	≤850V	≤850V	≤850V	≤1,000V	≤1,200V
Insulation Resistance		See Note.1	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ
Capacitance		1MHz	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF	≤1.0pF
DC Holdover Voltage		See Note.2	≤52V	≤52V	≤80V	≤135V	≤135V	≤150V	≤150V	≤150V	≤150V	≤150V	≤150V
Impulse Life		10/1000μs, 500A	300times	300times	300times	300times	300times	500times	500times	500times	500times	500times	500times
Impulse Discharge Current. 8/20μs		Single	10kA	10kA	10kA	10kA	10kA	10kA	10kA	10kA	10kA	10kA	10kA
		Repeat 10 times (5 times each polarity)	5kA	5kA	5kA	5kA	5kA	5kA	5kA	5kA	5kA	5kA	5kA
AC Discharge Current. 50Hz		Single, 9 Cycles	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A
		Repeat 1 sec.	10A, 5times	10A, 5times	10A, 5times	10A, 5times	10A,10times	10A,10times	10A,10times	10A,10times	10A,10times	10A,10times	10A,10times

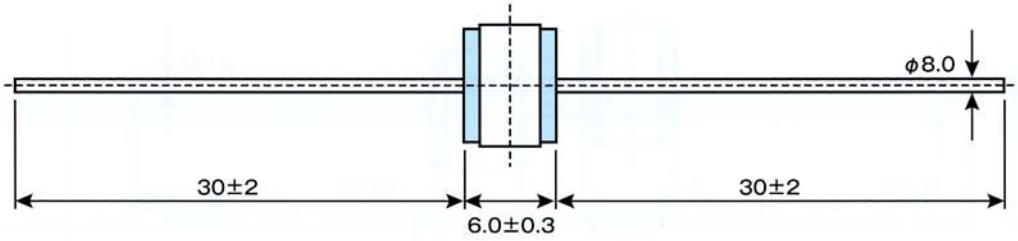
Model A: Without Leads



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



Model B: With Leads



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