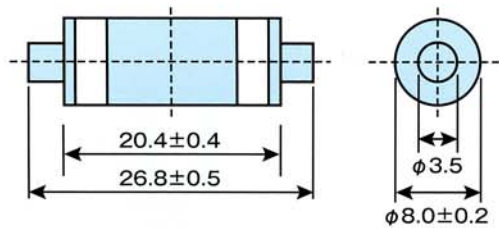


# 3YW Series

Part Number	UL Approved P/N See Note3	Model A	3 YW-90A	3 YW-230A	3 YW-350A	3 YW-400A
		Model YZ	3 YW-90YZ	3 YW-230YZ	3 YW-350YZ	3 YW-400YZ
DC Spark-over Voltage (L1-E)(L2-E)		100V/s	90V±20%	230V±20%	350V±20%	400V±20%
Impulse Spark-over Voltage (L1-E)(L2-E)		100V/μs	≤500V	≤600V	≤650V	≤700V
		1kV/μs	≤700V	≤800V	≤850V	≤900V
Insulation Resistance	See Note.1		≥10,000MΩ	≥10,000MΩ	≥10,000MΩ	≥10,000MΩ
Capacitance	1MHz		≤3.0pF	≤3.0pF	≤3.0pF	≤3.0pF
DC Holdover Voltage	See Note.2		≤52V	≤150V	≤150V	≤150V
Impulse Life (L1-E)(L2-E)	10/1000μs, 1000A		1,000times	1,000times	1,000times	1,000times
Impulse Discharge Current, 8/20μs (L1-E)(L2-E)	Single		40kA	40kA	40kA	40kA
AC Discharge Current, 50Hz (L1-E)(L2-E)	Single 1se.		40A	40A	40A	40A

## Model A

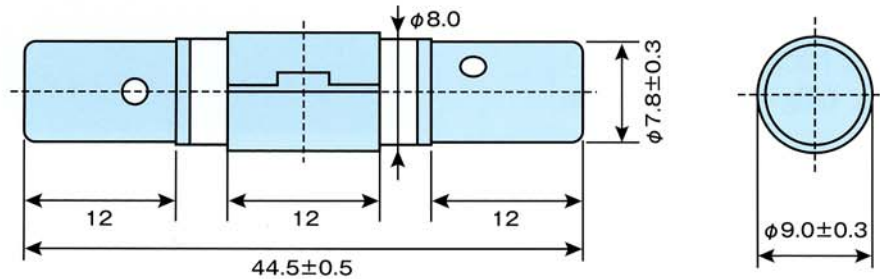


Electrodes: Nickel Plated  
Unit Weight: 5.7g

Units: mm



## Model YZ



Electrodes: Nickel Plated  
Unit Weight: 9.3g

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
90V	DC 50V
230-400V	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. 3YW-230, -350, -400 are recognized under UL 497B, File Number E140906.