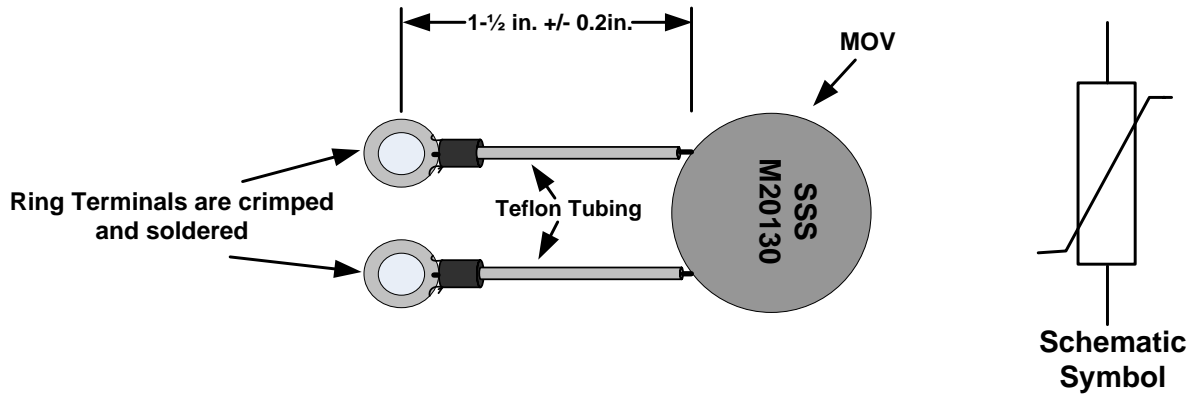


Site-Specific Solutions, Inc.
Model SSS-M20130 MOV Assembly Datasheet



**Mechanical and Electrical Diagram of the Site-Specific
Solutions Model SSS-M20130 MOV Assembly**

General Description

This assembly is comprised of a high energy 20mm MOV with lead dress making it suitable for easy installation and high reliability service.

The leads are covered with Teflon Tubing to both protect the leads from accidental damage and to prevent inadvertent shorting of the circuit to which it is applied.

The leads are terminated with ring terminals that are both crimped and soldered to the leads for high reliability operation. The ring terminals will accommodate standard AAR style terminal posts and posts up to ¼ in. diameter.

Electrical and Temperature Specifications

Maximum continuous applied DC voltage = 170VDC

Maximum continuous applied AC voltage = 130VRMS

1mA DC Conduction Voltage Range = 184 to 226VDC

Peak Current Handling Capability = 10,000A (8X20usec. Waveform)

Energy Handling Capability = 100 Joules

Typical Capacitance = 1900pF

Maximum Clamping Voltage = 340 Volts Peak at a device current of 100A

Operating Temperature = -40°C to +70°C

Application

Secondary protection on 120VAC rack bus terminals (to be mounted on the rack) and any 120VAC line pair leaving or entering the Signal House/Case for auxiliary functions (to be mounted on the Main Terminal Board).