

**APPLICATIONS**

- Solenoid Driver Circuits
- Logic Integrated Circuits with Power Transistor Buffers
- Ignition Circuit Output Transistors
- Sensor/Detection Circuit Systems
- Audio/Transceiver Circuits
- Cellular Telecommunication Circuits
- Protection From 24V Jump Start Cycle and Load Dump Transients.

**ELECTRICAL CHARACTERISTICS**

@ 25°C

Varistor Voltage @ dc 1mA	22V ± 10%
Max. Clamping Voltage (Test Current Wave 8 X 20 μs)	43V AT 20A
Temperature Coefficient	0.05% / °C Max.
Typical Capacitance (1KHz)	23000pF

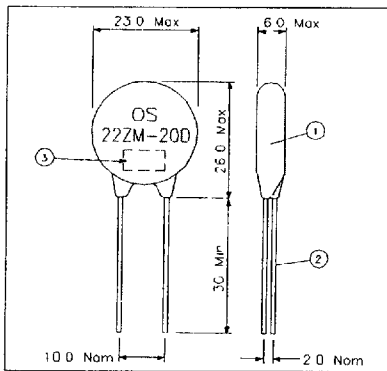
**MAX. RATINGS**

Continuous dc Voltage	16V
Non-continuous dc Voltage (5 Min. Max. @ 25 ± 2° C)	24V
Energy (Impulse Duration of 30 ms Decay time to one-half of Peak Current Value) 10 Times @ 30 sec. interval @ 25 ± 2 °C	100 J
Peak Pulse Current (Surge Current Wave 8 X 20 μs) 1 Time @ 25 ± 2 °C	2000 A
Operating Temperature	-40 ~ +125 °C
Storage Temperature	-40 ~ +150°C
Moisture Resistance	85°C @ 85% RH for 168 hrs.

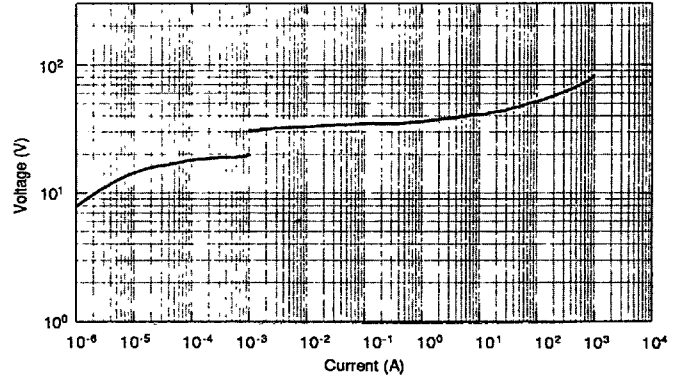
**OUTLINE DIMENSIONS**

0022ZM20D

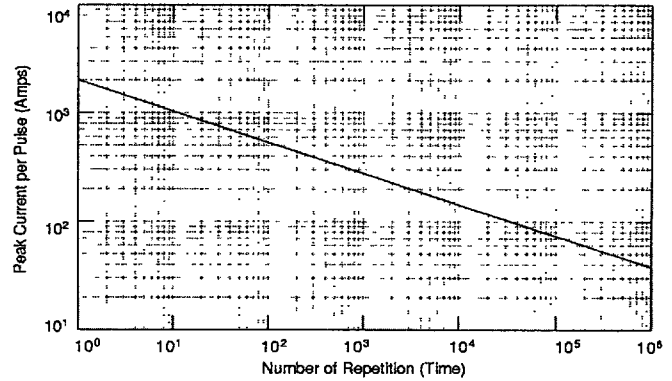
1	Non-Flammable Epoxy Resin, Green
2	1.0 Soldered Copper Wire
3	Date Code



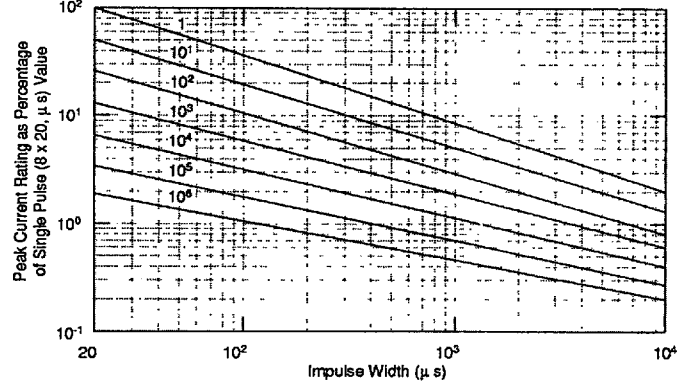
**V - I CHARACTERISTICS**



**PULSE RATINGS**  
(8 x 20, μs Wave form)



**PEAK CURRENT PER PULSE VS IMPULSE WIDTH (μs)**



**Stetron International Inc.**