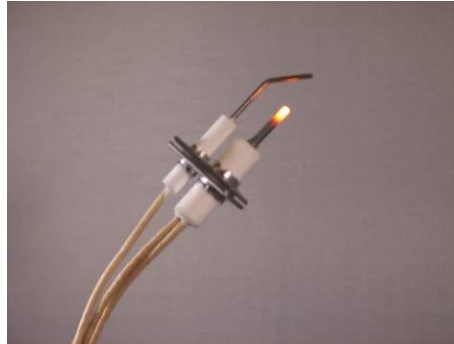




**SIC Micro-Igniter**  
**24 Volts Nominal**  
*Data Sheet*



| <b>SIC 24 Volt Micro-Igniter</b> |  |
|----------------------------------|--|
| Time to Temperature              | <3 seconds @ 24 +/- 1.0 VAC  |
| Resistance                       | 1 - 6 Ohms   |
| Minimum Temperature              | 1800°F / 980°C @ 24 VAC  |
| Maximum Temperature              | 2650°F / 1454°C @ 32 Volts   |
| Steady State Current             | 0.8 to 2.0 Amps Maximum @ 24 Volts   |
| Igniter Material                 | Silicon Nitride  |
| Bushing Material                 | Custom and Standard design available in Alumina, Cordierite, and Steatite. .   |
| Lead Wires and Terminals         | 250°C Various terminals available  |
| Control System                   | Plug and Play compatible with all industry manufacturers systems. No special controls needed to protect the igniter. |
| Agency Approval                  | CSA Approved   |

The information contained in the document is believed to be accurate and reliable but is presented without guarantee or warranty on the part of Surface Igniter LLC. Further, nothing present herein should be interpreted as Authorization or inducement to practice any patented invention without appropriate license.