### Parts List

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>107832</td>
<td>Rectangular O2 Heater Assy, BOM</td>
</tr>
</tbody>
</table>

### Notes:

1. This assembly has been cleaned and handled for UHV use. Care should be taken not to contaminate the assembly.
2. Estimated operation:
   - $14V, 36A @ 800\degree C = 504W$
   - $18V, 48A @ 1000\degree C = 864W$

### Revision History

<table>
<thead>
<tr>
<th>REV</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>APPROV</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Redesigned filament assembly.</td>
<td>1/22/13</td>
<td>MC</td>
</tr>
</tbody>
</table>

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**Material:**

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Rectangular O2 Heater Assembly

Heater Length: 7.87
Heater Width: 1.00

2X #8-32 UNC x 5/64
2X .75 Mounting Nuts
SST Mounting Bracket

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