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### 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>106539</td>
<td>1200°C UHV Heater w/Tube, BOM</td>
</tr>
</tbody>
</table>

**Notes:**

1. Estimated operation:
   - 11.7V, 19.0A @ 800°C (222W)
   - 17.5V, 24.6A @ 1000°C (430W)
   - 27.3V, 29.6A @ 1200°C (808W)

**Material:**

- -

**Dimensions:**

- 2X Alumina Spacer, Ø3.95 x Ø3.65 x 0.15 Thick, One on Either Side of GPHS
- GPHS Layer, Ø3.95 x 0.10 Ta Disc
- Customer Supplied Alumina Tube, Ø4.5 x Ø4.06 x 8.0

**Additional Information:**

- 15X MLI Layer, Ø3.95 x 0.002 Thick
- 15X Alumina Spacer, Ø3.95 x Ø3.65 x 0.04 Thick

**Diagram Elements:**

- SST Outer Housing, Heater
- SST Mounting Base
- Type R Thermocouple, Heater, 16" Flying Leads
- This View Shown w/out Customer Supplied Alumina Tube for Clarity

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**Drawn:** mcurtis  
**Checked:**  
**Approved:**
1200°C UHV Heater Assembly w/Tube Mount, Type R TC

Moly Diffusor Plate

6X Ø.265 THRU On 5.20 BHC

Ø3.25 Heater OD

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