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>105758</td>
<td>3.0 Dia., 1200°C UHV Heater Assembly, BOM</td>
</tr>
</tbody>
</table>

Notes:
1. Estimated operation:
   - 9.7V, 21.4A @ 800°C
   - 18.1V, 30.9A @ 1000°C
   - 21.9V, 40.7A @ 1200°C

Material:
- 3.0 Dia., 1200°C UHV Heater Assembly
- 0.020 Thick Ta Tabs
- 3.250 PBN Disk
- Type C Thermocouple, Alumina Bead Insulated, 12" Flying Leads
- 3.70 Heater OD
- Customer Supplied Outer Housing, Rear Flange & Standoffs

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3.0 Dia., 1200°C UHV Heater Assembly

Macor Terminal Block, Supplies Strain Relief, Bolted to Ta Housing

2X 10 Gauge x 18" Long Stranded Cu Wire, Insulated with 101471-08, Fish Spine Beads, Also Supply 6" ASB-250156 with Shipment For Customer use if needed

Nut to Secure Screw to Block, Minimal Pressure

Double Nut to Secure Wire Connections

C'Bore to House Screw Head

Terminal Block Assembly
Scale: 1x

Alumina

Alumina

Ta, .020 Thick

Ø.050 HT Moly Filament

Ta, 5 Layers Rear Heat Shield

Ta, 4 Layers Radial Heat Shield

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1/2 Terminal Block Assembly

Scale: 1x