### PARTS LIST

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<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
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<td>105172</td>
<td>8 CFF Mounted Ø4.0 Sealed Moly Heater Assembly</td>
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**Description:**
- 2X "Swagelock" 1/4 to 1/4 Tube Fittings # SS-400-6
- 2X Ø0.15 Power Feedthru
- 2X Type K Thermocouple Feedthru
- 2X Replaceable Type K TC's
- Water Cooling Channels
- Ø5.00 Max.
- Ø4.50 Heater
- 6.00, CFF Face To Heater Face

**Notes:**
1. Heater filament assembly is sealed from chamber atmosphere.
2. Care must be taken not to cause the Cu pinch off tube to leak. That tube keeps the filament operating in vacuum and if lost, the filament will oxidize.
3. Assembly to be leak tight to 1 x 10^-9 cc/sec Helium.
4. Estimated operation:
   - 8.1V, 23.8A @ 600°C
   - 10.1V, 26.7A @ 800°C
   - 14.1V, 31.5A @ 1000°C
   - 18.6V, 37.0A @ 1100°C

**Material:**
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