Cu Cathode Assembly, 3rd Generation

<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>107512</td>
<td>Cu Cathode, 3rd Generation, BOM</td>
</tr>
</tbody>
</table>

Notes:
1. Estimated operation (filament temperature):
   - 7.1V, 4.0A @ 900 °C
   - 9.9V, 4.6A @ 1000 °C
2. Assembly is clean and packaged for UHV use.
3. Filament is floating.
4. TC Spring/Clip does not clear #3/4-10 thread minor diameter. It must be placed after assembly is mounted to cathode mount.
5. TC is insulated with an Alumina tube and potted for isolation

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