**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>107588</td>
<td>E-Gun &amp; BDT Assy., BOM</td>
</tr>
</tbody>
</table>

**Revision History**

<table>
<thead>
<tr>
<th>REV</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>APPROV</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>Manufacturing release.</td>
<td>1/11/13</td>
<td>MC</td>
</tr>
</tbody>
</table>

**Notes:**

1. Assembly is leak tight to 1 x 10^-9 cc/sec Helium.
2. Assembly must be handled with care to protect its vacuum tight condition. The ceramic should not be handled with bare hands to prevent contamination, resulting in increased voltage breakdown.
3. After final assembly, process through bake out and hi pot test per MP-273.
4. Opening, handling, and storage should be performed per TB-232.

**Material:**

- 

**Drawing Information:**

- **Drawn by:** mcurtis
- **Checked by:**
- **Apprved by:**
- **Date:** 3/9/2012
- **DWG NO:** 107586
- **Sheet:** 1 of 4
- **Scale:** 1/6

**Address:**

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E-Gun & Beam Diagnostics Tube Assembly

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E-Gun & Beam Diagnostics Tube Assembly

1.22 Typ.

1.30 Ø ID

7X Ceramic Insulator

6X Graphite Detector Ring

SST Front & Internal Shield

6X Ø1.00 Thru 6X Ø1.25

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Each Feedthru Grounded to Housing w/1 Resistor each, 1 Ohm, 5% Tolerance, 1/4W

8X Ø.05 Cu Feedthru, 6X for Detector Ring, 1X for Beam Dump, 1X Spare

Spare Feedthru Located Between Beam Dump and Ground Lug Locations

Identified for 1st Detector Ring

Identified for Beam Dump

Identified for 1st Detector Ring

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