The 5711 tube is an oil-cooled x-ray tube designed for superficial therapy service.

**GENERAL**

**Electrical Data**
- Filament current range: 3.5 to 4.7 Amperes
- Filament voltage range: 3.0 to 6.0 Volts

**Mechanical Data**
- Type of cooling: Forced oil
- Focal spot size:
  - Target angle: 45 Degrees
  - Projected length: 9.5 mm
  - Width: 3.5 mm
- Outline drawing number: 5711
- Operating position: Any

**MAXIMUM RATINGS**

- Maximum filament current for continuous operation: 4.5 Amperes
- Minimum flow of cooling oil: 1-1/2 gpm
- Maximum cooling oil temperature: 122°F
- Maximum voltage on full wave and two valve half wave generators: 120 KVP

Maximum voltage on self-rectified generator, 100 KVP useful, 110 KVP Inverse Continuous ratings in dc average milliamperes:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Ambient Temp. to 80°F</th>
<th>Ambient Temp. to 90°F</th>
<th>Ambient Temp. to 100°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 KVP</td>
<td>15.0 ma</td>
<td>12.5 ma</td>
<td>10.0 ma</td>
</tr>
<tr>
<td>110 KVP</td>
<td>16.4 ma</td>
<td>13.5 ma</td>
<td>11.0 ma</td>
</tr>
<tr>
<td>100 KVP</td>
<td>18.0 ma</td>
<td>15.0 ma</td>
<td>12.0 ma</td>
</tr>
</tbody>
</table>