The 5712 tube is a therapy tubehead designed for superficial therapy service. The tubehead contains an oil-cooled insert tube type 5711.

**GENERAL**

**Electrical Data**
- Filament current range: 3.5 to 4.7 Amperes
- Filament voltage range: 3.0 to 5.0 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: 5712
- Operating position: Any

**MAXIMUM RATINGS**

- Maximum filament current for continuous operation: 4.5 Amperes
- Minimum flow of cooling oil: 1-1/2 gallons per minute
- Maximum cooling oil temperature: 122°F
- Oil pressure drop across tubehead, approx.: 28 psi
- Maximum voltage on full wave and two valve half wave generators: 120 KVP
- Maximum voltage on self-rectified generator: 100 KVP (KVP Useful), 110 KVP (KVP Inverse)

Continuous ratings in dc average milliamperes:

<table>
<thead>
<tr>
<th>Maximum Voltage</th>
<th>Ambient Temp. to 80°F</th>
<th>Ambient Temp. to 30°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 ma</td>
</tr>
<tr>
<td>110 KVP</td>
<td>16.4 ma</td>
<td>13.5 ma</td>
<td>11 ma</td>
</tr>
<tr>
<td>100 KVP</td>
<td>18.0 ma</td>
<td>15.0 ma</td>
<td>12 ma</td>
</tr>
</tbody>
</table>