Sharp-Cutoff Pentode

7-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 4AU6 is the same as the 6AU6 except for the following items:

Heater Characteristics and Ratings (Design-Maximum Values):

- Current: \(0.450 \pm 0.030\) amp
- Voltage (AC or DC) at heater amperes:
  \(= 0.450\), \(4.2\) volts
- Warm-up time (Average): \(11\) sec

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4AV6

Twin Diode—High-Mu Triode

7-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 4AV6 is the same as the 6AV6 except for the following items:

Heater Characteristics and Ratings (Design-Maximum Values):

- Current: \(0.450 \pm 0.030\) amp
- Voltage (AC or DC) at heater amperes:
  \(= 0.450\), \(4.2\) volts
- Warm-up time (Average): \(11\) sec

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4BC5

Sharp-Cutoff Pentode

7-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 4BC5 is the same as the 6BC5 except for the following items:

Heater Characteristics and Ratings (Design-Center Values):

- Current: \(0.450 \pm 0.030\) amp
- Voltage (AC or DC) at heater amperes:
  \(= 0.450\), \(4.2\) volts
- Warm-up time (Average): \(11\) sec
- Peak heater-cathode voltage:
  - Heater negative with respect to cathode: \(200\) max. volts
  - Heater positive with respect to cathode: \(200^a\) max. volts

\(^a\) The dc component must not exceed 100 volts.
Medium-Mu Twin Triode
With Semiremote-Cutoff Characteristic

9-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 4BC8 is the same as the 6BC8 except for the following items:

Heater Characteristics and Ratings (Design-Center Values):

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>0.600 ± 0.040 amp</td>
</tr>
<tr>
<td>Voltage (AC or DC) at heater amperes</td>
<td>4.2 volts</td>
</tr>
<tr>
<td>Warm-up time (Average)</td>
<td>11 sec</td>
</tr>
</tbody>
</table>

4BL8

Medium-Mu Triode—
Sharp-Cutoff Pentode

9-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 4BL8 is the same as the 6BL8 except for the following items:

Heater Characteristics and Ratings (Design-Center Values):

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>0.600 ± 0.040 amp</td>
</tr>
<tr>
<td>Voltage (AC or DC) at heater amperes</td>
<td>4.6 volts</td>
</tr>
</tbody>
</table>

4BN6

Beam Tube

7-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 4BN6 is the same as the 6BN6 except for the following items:

Heater Characteristics and Ratings (Design-Maximum Values):

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>0.450 ± 0.030 amp</td>
</tr>
<tr>
<td>Voltage (AC or DC) at heater amperes</td>
<td>4.2 volts</td>
</tr>
<tr>
<td>Warm-up time (Average)</td>
<td>11 sec</td>
</tr>
</tbody>
</table>