Western Electric
348A Vacuum Tube

Classification

The 348A vacuum tube is a suppressor-grid pentode having an indirectly heated cathode which permits the operation of the heater element directly on alternating current.

It is intended for use primarily as an audio-frequency voltage amplifier, in applications where exceptionally low tube noise is essential.

Base, Socket and Mounting

This vacuum tube employs a small shell, seven-pin octal base. The control grid terminal located at the top of the bulb is a miniature cap.

The tube may be mounted in any position.

Heater Rating

Heater voltage 6.3 volts, ac or dc
Nominal heater current 0.5 ampere

The heater element is designed to operate on a voltage basis and it should be operated as near the rated voltage as practicable. Operation at a higher voltage will definitely reduce the life of the tube.

Operating Conditions

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<tr>
<th></th>
<th>Plate Volts</th>
<th>Screen-Grid Volts</th>
<th>Control-Grid Volts</th>
<th>Average Plate Current Milliamperes</th>
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<td>Recommended Conditions</td>
<td>135</td>
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<td>5.5</td>
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<tr>
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<td>180</td>
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<tr>
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