6C5, 6C5G, 6C5GT

TUNG-SOL

TRIODE AMPLIFIER
UNIPOTENTIAL CATHODE
HEATER
6.3 VOLTS 0.3 AMPERE
AC OR DC

METAL SHELL
6 PIN OCTAL BASE
6C5

CLASS BULB
6 PIN OCTAL BASE WITH METAL SHELL
6C5GT

6Q
BOTTOM VIEW

G-6Qb
BOTTOM VIEW
6C5G

CLASS BULB
SMALL 6 PIN OCTAL BASE
6C5G

6C5 6C5GT

THE TUNG-SOL 6C5, 6C5G AND 6C5GT ARE GENERAL PURPOSE TRIODES DESIGNED FOR SERVICE AS OSCILLATORS, DETECTORS OR AMPLIFIERS. WITH THE EXCEPTION OF CAPACITANCES, THEIR ELECTRICAL CHARACTERISTICS ARE IDENTICAL. THEY ARE SIMILAR IN CHARACTERISTICS TO THE 6GQ, 6J7 AND 57 WITH TRIODE CONNECTION.

RATINGS

MAXIMUM PLATE VOLTAGE 300 VOLTS
MAXIMUM PLATE DISSIPATION 2.5 WATTS
MINIMUM GRID VOLTAGE 0

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

PLATE VOLTAGE 250 VOLTS
GRID VOLTAGE\textsuperscript{a} -8 VOLTS
PLATE CURRENT 8 MA.
PLATE RESISTANCE 10,000 OHMS
TRANSCONDUCTANCE 2000 \text{\mu}MOS
AMPLIFICATION FACTOR 20

\textsuperscript{a} THE DC RESISTANCE IN THE GRID CIRCUIT SHOULD NOT EXCEED 1.0 MEGOHM.

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6C5, 6C5G, 6C5GT

TUNG-SOL

DIRECT INTERELECTRODE CAPACITANCES

<table>
<thead>
<tr>
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<th>6C5</th>
<th>6C5G</th>
<th>6C5GT</th>
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<tbody>
<tr>
<td>GRID TO CATHODE</td>
<td>3.0</td>
<td>4.4</td>
<td>3.6</td>
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<td>PLATE TO CATHODE</td>
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<td>12</td>
<td>11</td>
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<tr>
<td>GRID TO PLATE</td>
<td>2.0</td>
<td>2.2</td>
<td>1.6</td>
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*WITH SHELL OR SHIELD CONNECTED TO THE CATHODE

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**6C5, 6C5G, 6C5GT**

$E_f = 6.3 \text{ V.}$

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**6C5, 6C5G, 6C5GT**

$E_f = 6.3 \text{ V.}$

$E_b = 250 \text{ V.}$

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