

TUNG-SOL

R-F PENTODE AMPLIFIER

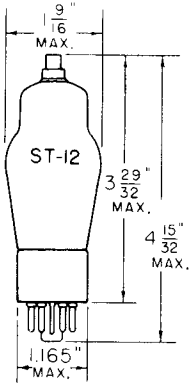
COATED FILAMENT

2.0 VOLTS 0.06 AMPERE

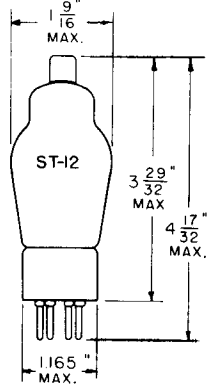
DC

GLASS BULB

MOUNTING POSITION

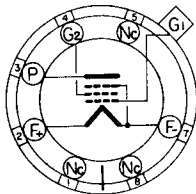


1E5GP
SKIRTED MINIATURE
CAP

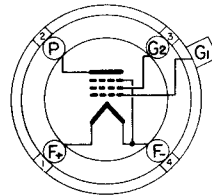


1B4P
SMALL METAL
CAP

FOR TUBE TYPE 1B4P, HORIZONTAL OPERATION WILL BE PERMITTED IF PINS 1 AND 4 ARE IN A VERTICAL PLANE. THE SAME WILL HOLD TRUE FOR TYPE 1E5GP IF PINS 5 AND 7 ARE IN A VERTICAL PLANE.



BOTTOM VIEW
SMALL SHELL OCTAL
7 PIN BASE



BOTTOM VIEW
SMALL 4 PIN BASE

THE 1E5GP AND 1B4P ARE DESIGNED FOR SERVICE AS GENERAL PURPOSE SHARP CUT-OFF PENTODE AMPLIFIERS IN BATTERY OPERATED EQUIPMENTS.

RATINGS

| | | |
|-------------------------|------|-------|
| MAXIMUM PLATE VOLTAGE | 180 | VOLTS |
| MAXIMUM SCREEN VOLTAGE | 67.5 | VOLTS |
| MAXIMUM CATHODE CURRENT | 6.0 | MA. |

DIRECT INTERELECTRODE CAPACITANCES

| | | |
|-----------------------------|------------|----------|
| GRID TO PLATE (WITH SHIELD) | 0.007 MAX. | μ uf |
| INPUT | 5.0 | μ uf |
| OUTPUT | 11 | μ uf |

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PLATE
1500
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1944

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TUNG-SOL

CONTINUED FROM PRECEDING PAGE

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

| | | | |
|--|------|------|---------|
| PLATE VOLTAGE | 90 | 180 | VOLTS |
| SCREEN VOLTAGE | 67.5 | 67.5 | VOLTS |
| CONTROL GRID VOLTAGE ^A | -3.0 | -3.0 | VOLTS |
| PLATE CURRENT | 1.6 | 1.7 | MA. |
| SCREEN CURRENT | 0.7 | 0.6 | MA. |
| PLATE RESISTANCE (APPROX.) | 1.0 | 1.5 | MEGOHMS |
| TRANSCONDUCTANCE | 600 | 650 | μMHOS |
| AMPLIFICATION FACTOR (APPROX.) | 550 | 1000 | |
| CONTROL GRID VOLTAGE FOR PLATE CURRENT CUT-OFF ^A | -8.0 | -8.0 | VOLTS |

^A RETURN TO NEGATIVE FILAMENT (PIN #7)

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1501
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1944

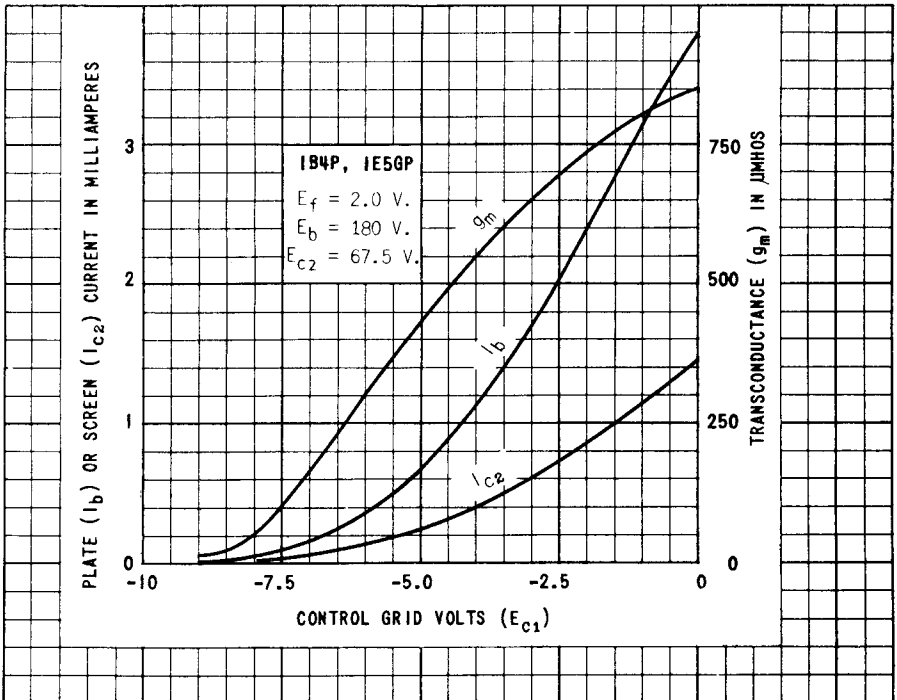
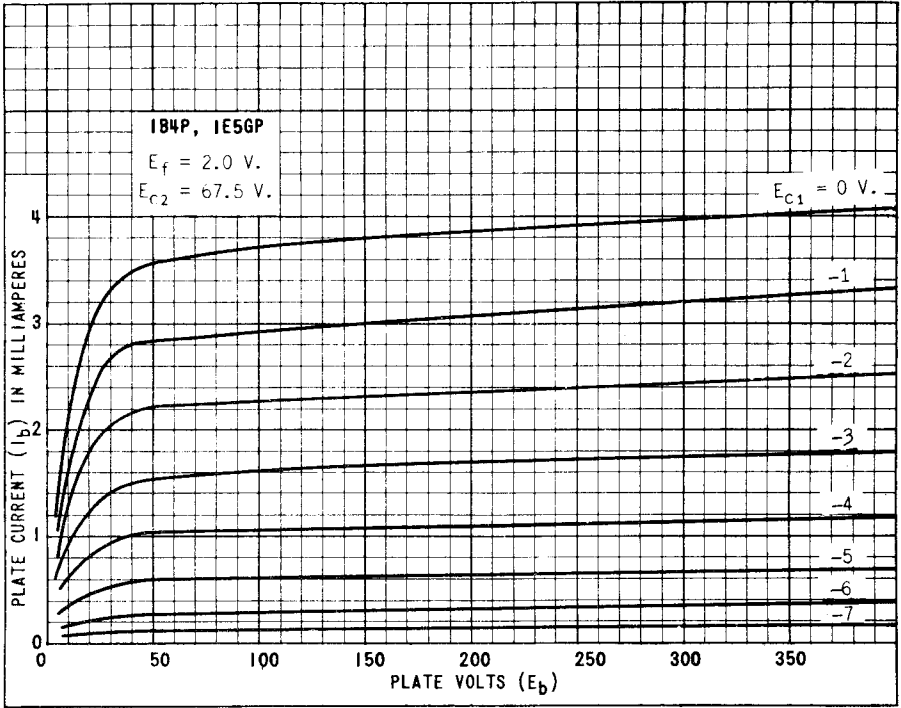


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 1502
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