



Coaxial Repeater Pentode

5B/110M

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CATHODE.

Indirectly-heated oxide-coated

Voltage	6.3	V
Nominal current	0.8	A

RATING.

Mutual conductance	$\left\{ \begin{array}{l} \text{Measured at} \\ V_a \text{ 250V} \end{array} \right\}$	6.5	ma/V
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INTER-ELECTRODE CAPACITIES.

Grid to anode	0.035	pF
Input	11	pF
Output	6	pF

DIMENSIONS.

Maximum overall length	80.2	mm.
Maximum seated height	66.7	mm.
Maximum diameter	30.15	mm.
Net weight	30	grms.

MAXIMUM RATINGS.

Maximum direct anode voltage	250	V
Maximum direct screen voltage	150	V
Maximum direct screen current	11	mA
Maximum direct anode dissipation	11	W

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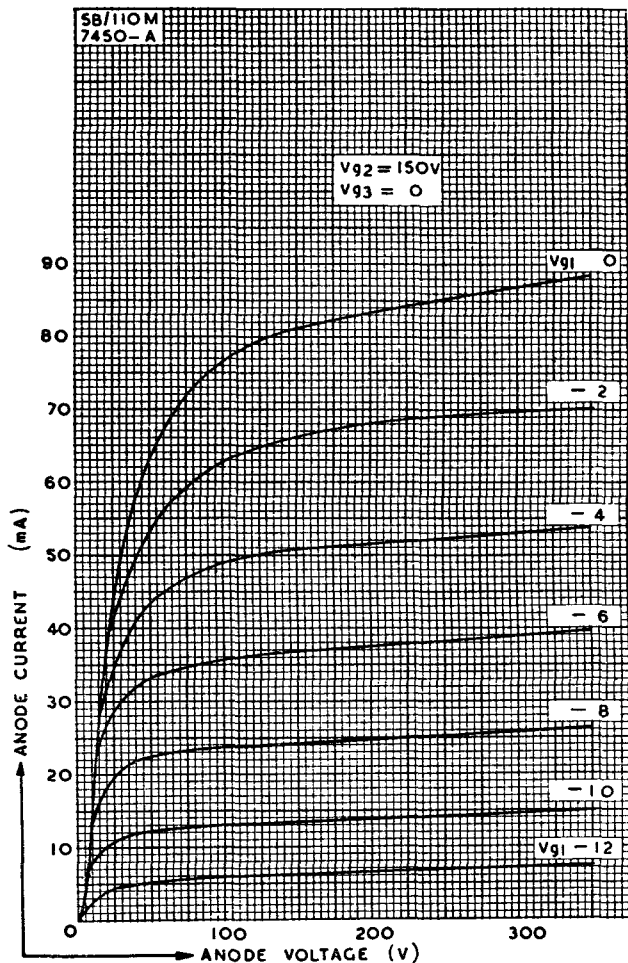
TYPICAL OPERATING CONDITIONS.

Direct anode voltage	250	V
Direct anode current	38	mA
Direct screen voltage	150	V
Direct screen current	8	mA
Direct suppressor voltage	0	V
Load Impedance	5,000	Ω
Power output	2	W
Distortion	<5	%



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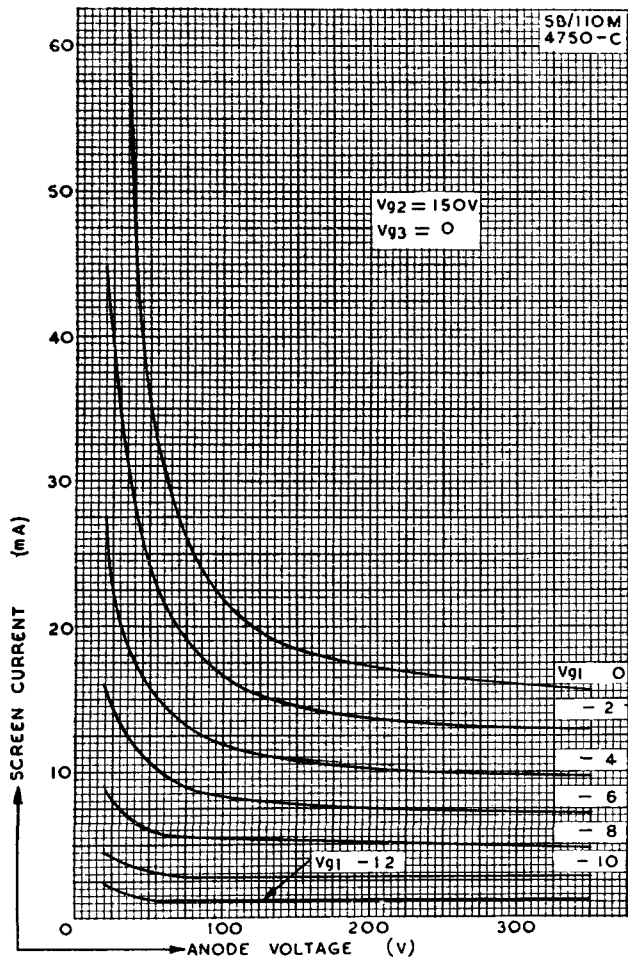
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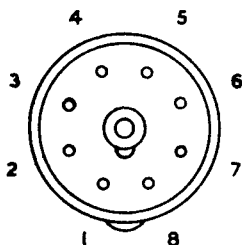
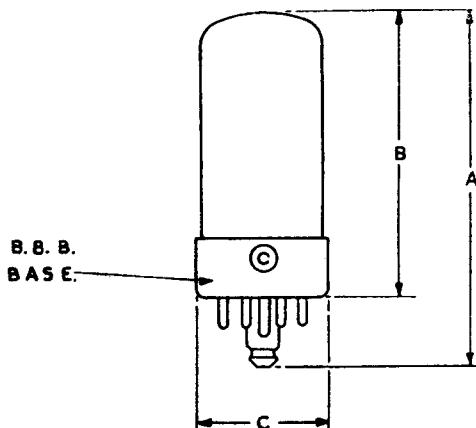
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BASING

- | | |
|---|---------|
| 1 | HEATER |
| 2 | ANODE |
| 3 | GRID 2 |
| 4 | GRID 3 |
| 5 | SHIELDS |
| 6 | GRID 1 |
| 7 | CATHODE |
| 8 | HEATER |

DIM	MILLIMETRES	INCHES
A	80.2 MAX	3 ⁵ / ₃₂ MAX
B	66.7 MAX	2 ⁵ / ₈ MAX
C	30.15 MAX	1 ³ / ₁₆ MAX

NOTE. BASIC FIGURES ARE INCHES.