



R.F. Pentode

5A/128B
(4046A)

4046A

CATHODE.

Indirectly-heated oxide-coated.

Voltage	4	V
Nominal current	1	A

RATING.

Mutual conductance	$\left\{ \begin{array}{l} \text{Measured at } V_a 200V \\ V_{g_2} 100V \quad V_{g_1} -2V \end{array} \right\}$	3	mA/V
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INTER-ELECTRODE CAPACITIES.

Grid to anode	0.007	pF
Input	10.7	pF
Output	8	pF

DIMENSIONS.

Maximum overall length	137	mm.
Maximum bulb diameter	39	mm.
Base : Standard British 5-pin		
Net weight	60	g.

MAXIMUM RATINGS.

Maximum direct anode voltage	250	V
Maximum direct screen voltage	100	V
Maximum direct anode current	9	mA

TYPICAL OPERATING CONDITIONS.

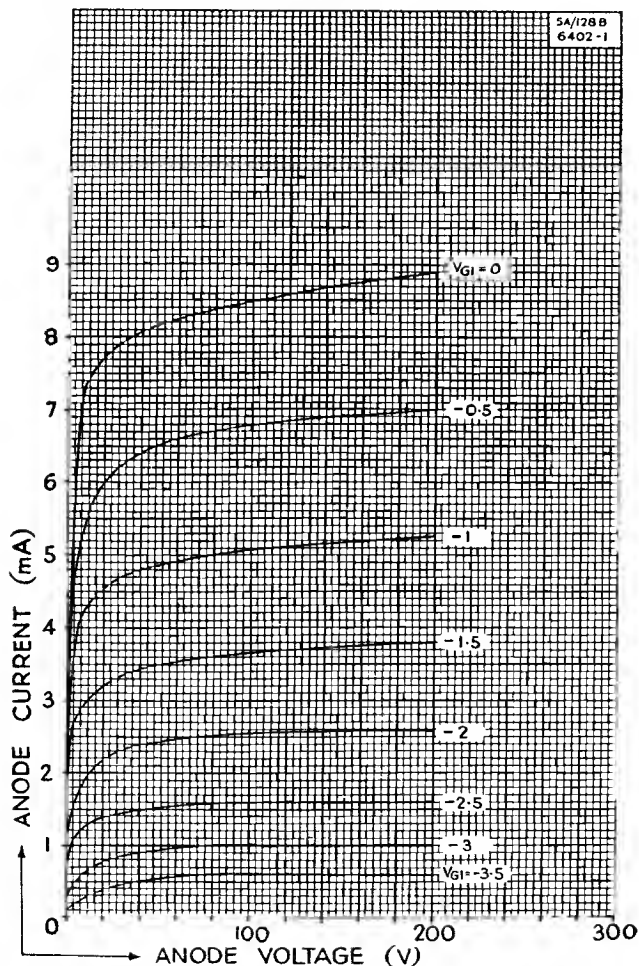
Anode voltage ...	250	200	150 volts
Control grid bias ...	-1.5	-1.5	-1.5 volts
Screen grid voltage...	100	100	100 volts
Anode current ...	3.9	3.8	3.7 mA
Anode resistance ...	800,000	800,000	800,000 ohms
Load ...	50,000	46,000	30,000 ohms
Output ...	0.315	0.258	0.175 watts
2nd harmonic—% ...	8.6	8.75	11.5
—db	21.3	20.7	19

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