



Repeater Triode

3A/141A

Replaces 4101D

(3A/141AY is the 3A/141A tested to special limits for replacement purposes only.)

CATHODE.

Oxide-coated filament

Current	1.0	A
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Nominal voltage	4.5	V
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RATING.

Amplification factor	} Measured at V_a 130V V_{g_1} -9V }	6 6,000	Ω
Impedance			

DIRECT INTER-ELECTRODE CAPACITIES.

Grid to anode	8.1	pF
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Grid to filament	6.4	pF
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Anode to filament	5.6	pF
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DIMENSIONS.

Maximum overall length	118	mm.
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Maximum bulb diameter	46	mm.
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Base : American medium 4-pin
bayonet

Net weight	60	g.
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MAXIMUM RATINGS.

Maximum direct anode voltage	190	V
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Maximum direct anode current	12	mA
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TYPICAL OPERATING CONDITIONS.

Anode voltage	volts	100	100	130	130	160	160	160	190	190	190
Grid bias	volts	-4	-6	-6	-9	-12	-10	-12	-16	-18	-20
Anode current	mA	7.3	5.5	11.1	7.8	5.0	12.3	10.1	6.3	9.0	7.2
Amplification factor		6.1	6.0	6.1	6.0	5.9	6.1	6.0	5.9	6.0	5.9
Impedance r_a	ohms	5,500	6,200	4,900	5,700	7,000	4,700	5,200	6,600	5,100	6,300
For load impedance $R=r_a$											
Output	mW	14	26	35	65	90	100	130	175	235	285
2nd harmonic	db	33	27	32	26	21	29	25	19	24	19
For load impedance $R=2r_a$											
Output	mW	12	24	30	60	80	90	115	155	210	250
2nd harmonics	db	38	32	38	31	26	34	30	25	29	24

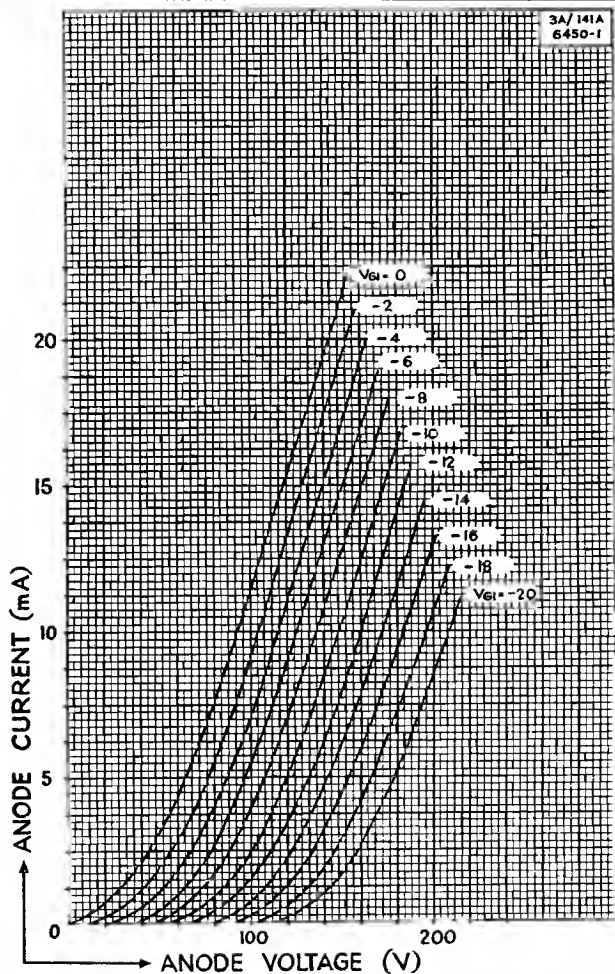
*** Maximum operating conditions.**



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