



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
Nominal voltage	4.5	V

RATING.

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

DIRECT INTER-ELECTRODE CAPACITIES.

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

DIMENSIONS.

Maximum overall length	118	mm.
Maximum bulb diameter	46	mm.
Base: American medium 4-pin bayonet		
Net weight	60	g.

MAXIMUM RATINGS.

Maximum direct anode voltage	190	V
Maximum direct anode current	12	mA

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TYPICAL OPERATING CONDITIONS.

	100	100	130	130	130	160	160	160	160	190	190	190	190	190
Anode voltage	100	100	130	130	130	160	160	160	160	190	190	190	190	190
Grid bias	-4	-6	-6	-9	-12	-10	-12	-16	-16	-18	-18	-18	-18	-20
Anode current	7.3	5.5	11.1	7.8	5.0	12.3	10.1	6.3	11	9.0	9.0	9.0	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	5.9	5.9	5.9	5.9
Impedance r_a	5,500	6,200	4,900	5,700	7,000	4,700	5,200	6,600	5,100	5,600	5,600	5,600	5,600	6,300
For load impedance $R=r_a$														
Output	14	26	35	65	90	100	130	175	235	265	265	265	265	285
2nd harmonic	33	27	32	26	21	29	25	19	24	21	21	21	21	19
For load impedance $R=2r_a$														
Output	12	24	30	60	80	90	115	155	210	235	235	235	235	250
2nd harmonics	38	32	38	31	26	34	30	25	29	26	26	26	26	24

* Maximum operating conditions.

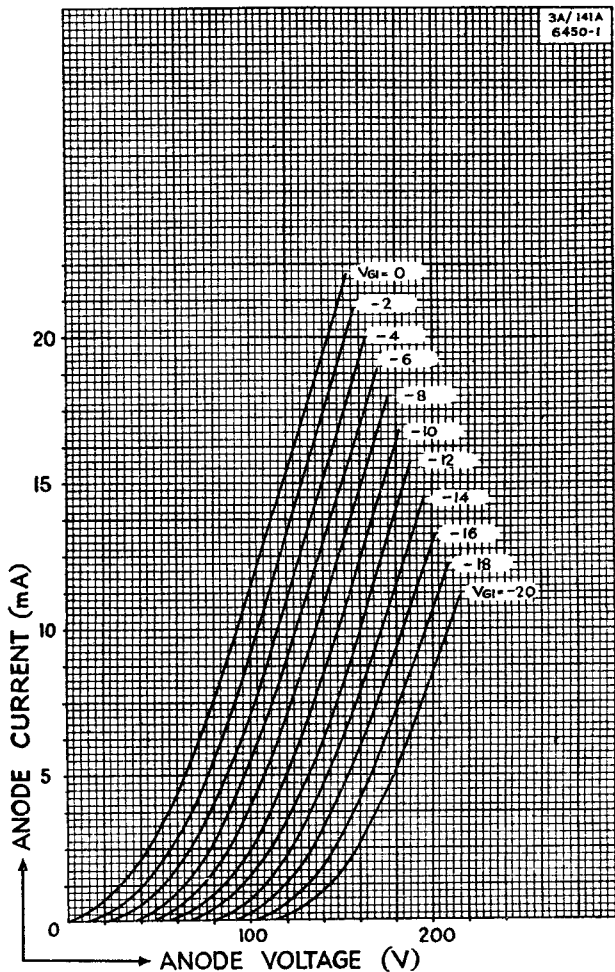


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