



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_{g1} -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.

	100	100	130	130	130	160	160	160	190	*	*	*
Anode voltage	100	100	130	130	130	160	160	160	190			
Grid bias	—4	—6	—6	—9	—12	—10	—12	—16	—18			
Anode current	7.3	5.5	11.1	7.8	5.0	12.3	10.1	6.3	9.0			
Amplification factor	6.1	6.0	6.1	6.0	5.9	6.1	6.0	5.9	5.9			
Impedance r_a	5,500	6,200	4,900	5,700	7,000	4,700	5,200	6,600	5,600			
For load impedance $R=r_a$												
Output	14	26	35	65	90	100	130	175	265			
2nd harmonic	33	27	32	26	21	29	25	19	21			
For lead impedance $R=2r_a$												
Output	12	24	30	60	80	90	115	155	235			
2nd harmonics	38	32	38	31	26	34	30	25	26			

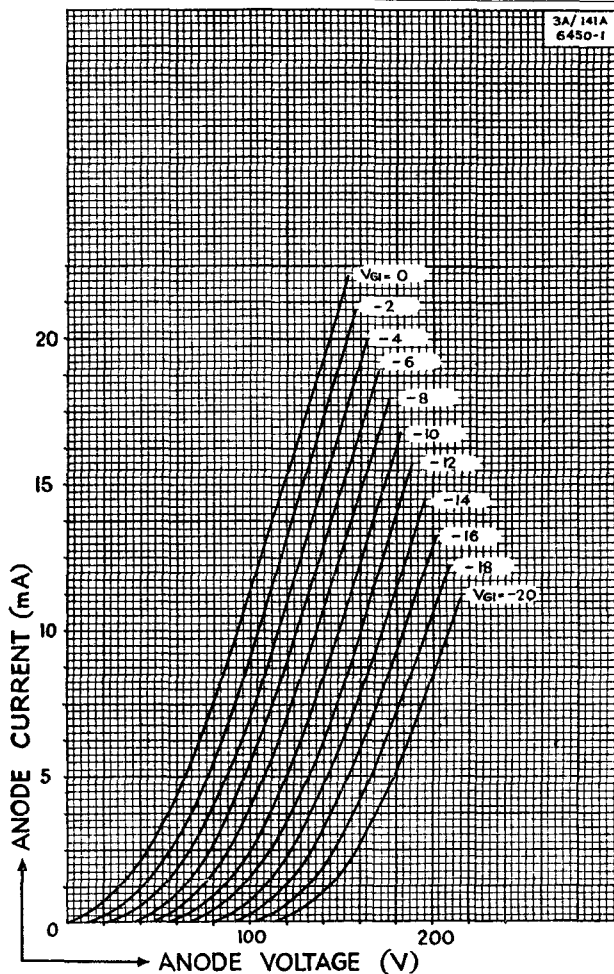
* Maximum operating conditions.



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