

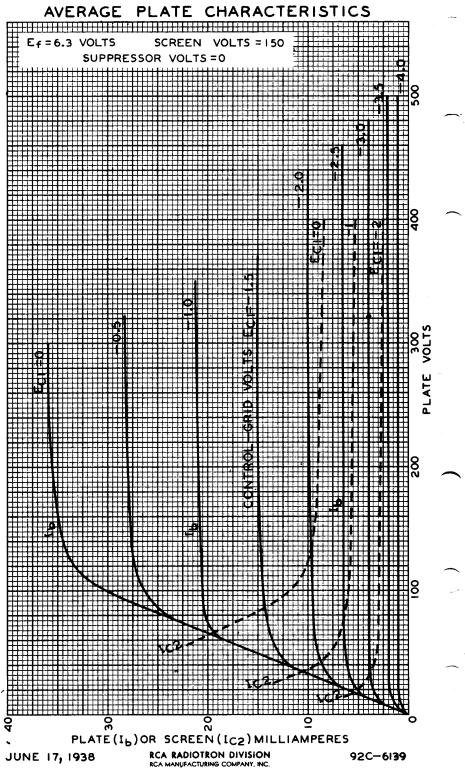


TELEVISION AMPLIFIER PENTODE

SINGLE-ENDED METAL TYPE				
Heater★ Coated	Unipotential	Cathode		
Voltage Current	6.3 0.45	a-0		volts amp.
Direct Interelectrode Ca	apacitances: ⁰			
Grid to Plate Input	0.015 max.	•		זעע זעע
Output	5			μμt
Maximum Overall Length			_	-5/8"
Maximum Seated Height	0 0			1/16"
Maximum Diameter	(4) (5)			5/16"
Bulb	3(1 -1))(0	Meta	al Shell,	MI-8
Base Pin 1 - Shell		Small Wafe		
Pin 2 — Heater		Pid	5 - Cath	en
Pin 3 — Suppressor Pin 4 — Grid	O E O	Pi	7 - Heat	e'
	OTTOM VIEW (8	N)		Any
	AMPLIFIER			
Plate Voltage	AMI ETT TEN	300	max. v	olts
Screen Voltage				olts
Screen-Supply Voltage				olts
Plate Dissipation		3.02		atts
Screen Dissipation		0.38		att
Typical Operation and Ci	haracteristic			
	Condition I			
Plate Voltage	300	300		olts
Suppressor "	. 0	70		olts
Screen-Supply #	150	300		olts
Screen Series Resistor		60000		nms
Cathode-Bias Resistor		160	min.ol	
Plate Res.	1.0	1.0	approx.me	
Transcond.	9000	9000		nhos
Plate Cur.	10	10	ma	
Screen Cur.	2.5	2.5	ma	a.
O with shell connected to ca	thode.			
With shell connected to ca # Screen—supply voltages in series—dropping resistor volts when the plate curre * Condition I with fixed scr	excess of 150 to limit the vo	volts requii ltage at the	re the use screen t	of a
* volts when the plate curre * Condition I with fixed scr	nt is at its nor	mal value of :	lO milliamp	eres.
istic.				1
** Condition II with series characteristic for applica	screen resistor itions where gai	n is control	extended cu led by vari	ation
of arid bine				
10 ma. The d-c resistance	in the grid ci	rcuit should	not exceed	0.25
a series screen resistor i	s used with ful	1 cathode bis	as, the d-	c re-
## Cathode-bias resistor sho 10 ma. The d-c resistance megohm when the screen vol a series screen resistor i sistance in the grid circu the potential difference b	it may be as hi	gh as 0.5 meg nd cathode si	gohm. hould be ke	ot as
The suppressor should be c	onnected in r-	f and i-f sta	•	
NOTE: It is characteristic of	f a high gm tub	e to show app	reciable ch	anges
frequency circuits, it will	be necessary to	take precaut	ions to min	imi ze
NOTE: It is characteristic of input capacitance and i frequency circuits, it will this effect. The use of the recommended unless the hea	6AC7 as a high	-gain audio a	amplifier i erv source.	s not
←Indicates a change.			.,	I



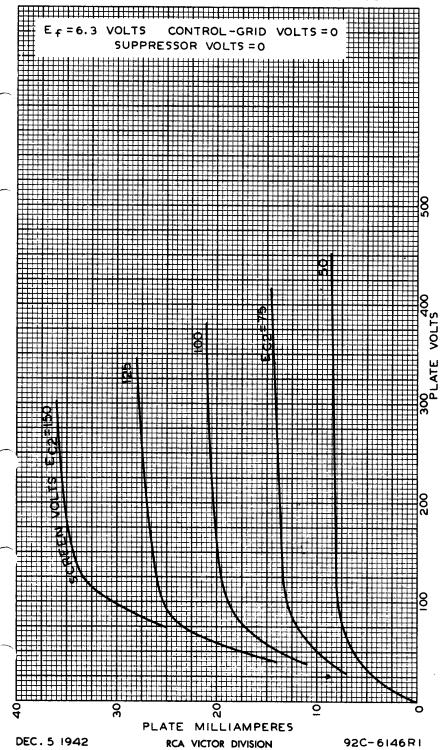








AVERAGE PLATE CHARACTERISTICS

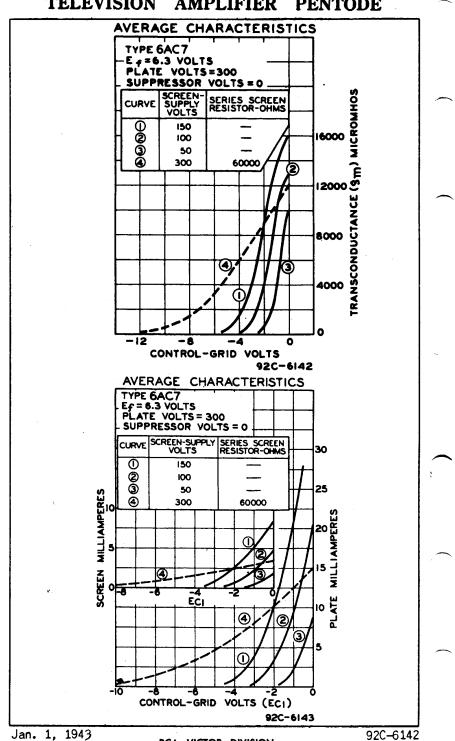


RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY





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