



6SN7-GT

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TWIN-TRIODE AMPLIFIER

Heater	Coated Unipotential Cathodes		
Voltage	6.3	a-c or d-c volts	
Current	0.6	amp.	
Direct Interelectrode Capacitances (Approx.): ^o			
	<u>Triode Unit f_1</u>	<u>Triode Unit f_2</u>	
Grid to Plate	3.8	4.0	μf
Grid to Cathode	2.8	3.0	μf
Plate to Cathode	0.8	1.2	μf
Maximum Overall Length			3-5/16"
Maximum Seated Height			2-3/4"
Maximum Diameter			1-5/16"
Bulb	T-9		
Base	Intermediate Shell Octal 8-Pin		
Pin 1 - Grid T ₂			Pin 5 - Plate T ₁
Pin 2 - Plate T ₂			Pin 6 - Cathode T ₁
Pin 3 - Cathode T ₂			Pin 7 - Heater
Pin 4 - Grid T ₁			Pin 8 - Heater
Mounting Position			Any



BOTTOM VIEW (8BD)

For convenience, one triode unit is identified as f_1 ; the other as f_2 .
 Maximum And Minimum Ratings Are Design-Center Values

AMPLIFIER—Each Unit

Plate Voltage	300 max. volts	
Grid Voltage	0 min. volts	
Plate Dissipation	2.5 max. watts	
D-C Heater-Cathode Potential	90 max. volts	
Cathode Current	20 max. ma.	

Characteristics — Class A₁ Amplifier:

Plate	90	250	volts
Grid #	0	-8	volts
Amp. Fact.	20	20	
Plate Res.	6700	7700	ohms
Transcond.	300	2600	μmhos
Plate Cur.	10	9	ma.

Typical Operation with Resistance Coupling:

Same as for Type 6F8-G in RESISTANCE-COUPLED AMPLIFIER CHAR

^o With no external shield.

* Under maximum rated conditions, the d-c resistance in the grid circuit should not exceed 1.0 megohm per unit.

The curves under Type 6J5 also apply to each unit of the 6SN7-GT.

← Indicates a change.

APRIL 1, 1944

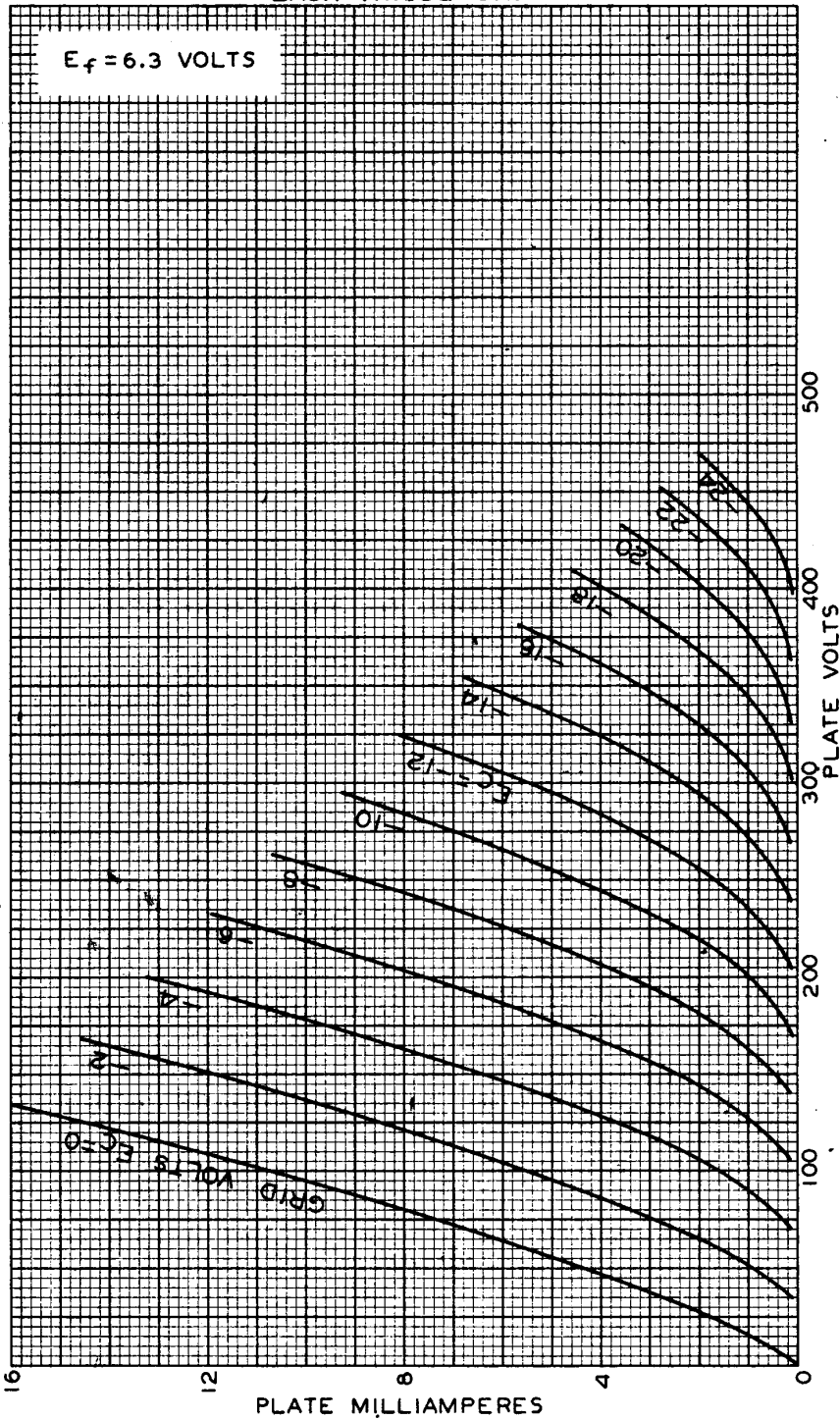
RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA

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6SN7-GT AVERAGE PLATE CHARACTERISTICS EACH TRIODE UNIT



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RCA VICTOR DIVISION
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