



2C21/1642

TWIN-TRIODE AMPLIFIER

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Heater ■	Coated Unipotential Cathodes		
Voltage	6.3	a-c or d-c volts	
Current	0.6	amp.	
Direct Interelectrode Capacitances: °			
	<u>Triode Unit T₁</u>	<u>Triode Unit T₂</u>	
Grid to Plate	2.4	1.8	μf
Grid to Cathode	2.6	1.6	μf
Plate to Cathode	1.4	2.0	μf
Overall Length	4-9/32" to 4-17/32"		
Seated Height	3-21/32" to 3-29/32"		
Maximum Diameter	1-9/16"		
Bulb	ST-12		
Cap	Small Metal		
Base	Small 7-Pin, Micanol		
Pin 1 - Heater	Pin 5 - Plate T ₁		
Pin 2 - Cathode T ₂	Pin 6 - Cathode T ₁		
Pin 3 - Plate T ₂	Pin 7 - Heater		
Pin 4 - Grid T ₁	Cap - Grid T ₂		
RCA Socket	Stock No. 9922		
Mounting Position	Any		



BOTTOM VIEW (7BH)

*Maximum Ratings Are Design-Center Values*AMPLIFIER - Each Unit

Plate Voltage	250 max.	volts
Plate Dissipation	2.1 max.	watts
<i>Characteristics - Class A₁ Amplifier:</i>		
Plate Voltage	250	volts
Grid Voltage	-16.5	volts
Amplification Factor	10.4	
Plate Resistance	7600	ohms
Transconductance	1375	μmhos
Plate Current	8.3	ma.

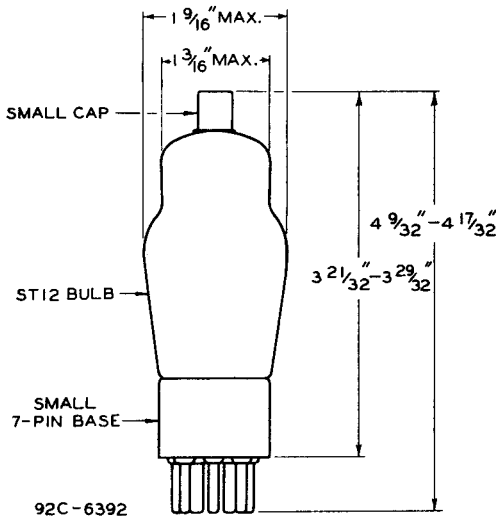
- In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
- With no external shield.

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Mar. 20, 1943

RCA VICTOR DIVISION

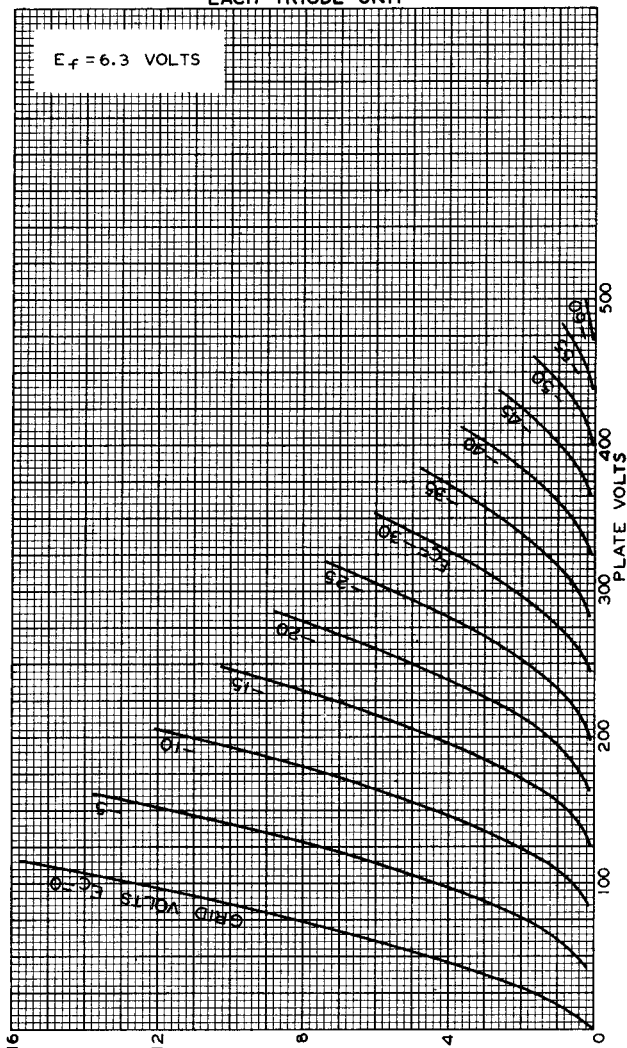
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

TENTATIVE DATA



2C21

AVERAGE PLATE CHARACTERISTICS EACH TRIODE UNIT



DEC. 1, 1943

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

92CM-6385R1