



2C21/1642

TWIN-TRIODE AMPLIFIER

2C21/1642

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.

Mar. 20, 1943

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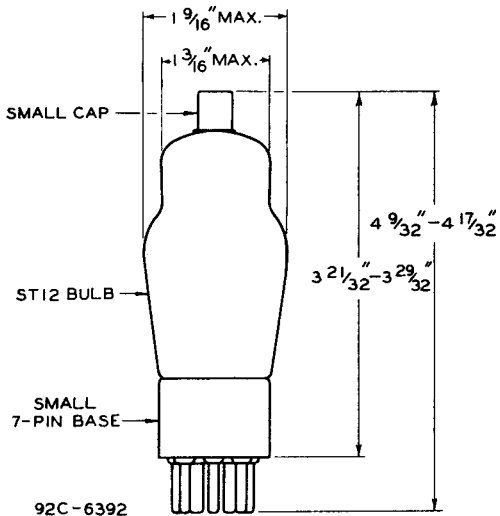
TENTATIVE DATA

2C21



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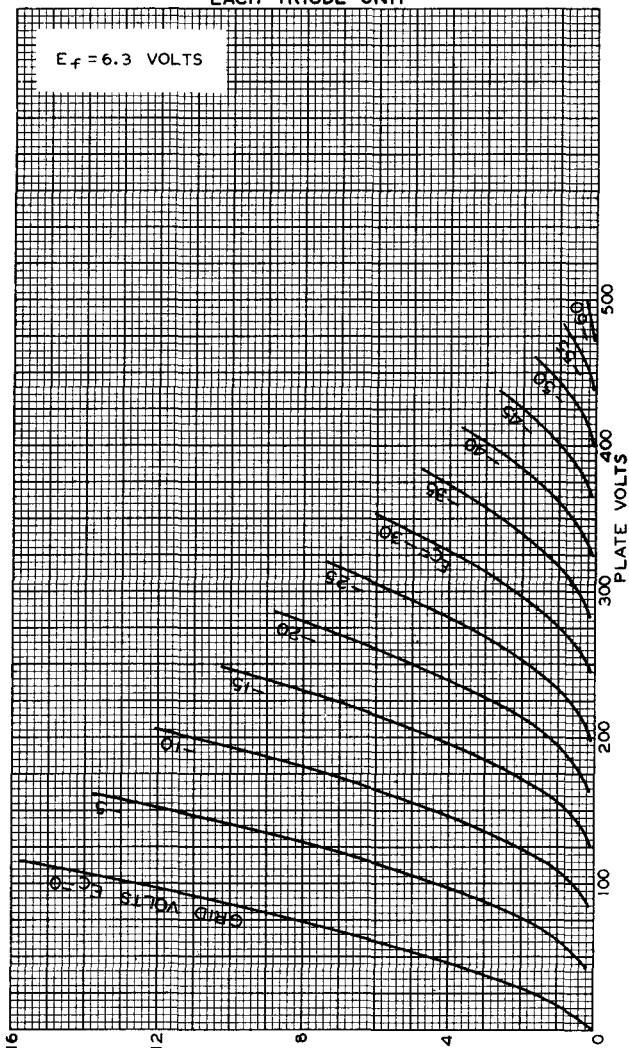
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TENTATIVE DATA



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AVERAGE PLATE CHARACTERISTICS
EACH TRIODE UNIT

DEC. 1, 1943

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92CM-6385R1