



6SS7

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**TRIPLE-GRID SUPER-CONTROL AMPLIFIER**

SINGLE-ENDED METAL TYPE

Heater [■]	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Direct Interelectrode Capacitances: ^o		
Grid to Plate	0.004 max.	μf
Input	5.5	μf
Output	7.0	μf
Maximum Overall Length	2-5/8"	
Maximum Seated Height	2-1/16"	
Maximum Diameter	1-5/16"	
Bulb	Metal Shell, MT-8	
Base	Small Wafer Octal, 8-Pin	
Pin 1 - Shell	Pin 5 - Cathode	
Pin 2 - Heater	Pin 6 - Screen	
Pin 3 - Suppressor	Pin 7 - Heater	
Pin 4 - Grid	Pin 8 - Plate	
Mounting Position	Any	



BOTTOM VIEW (8N)

AMPLIFIER

Plate Voltage	300 max.	volts
Screen Voltage	100 max.	volts
Screen Supply Voltage	300 max.	volts
Grid Voltage	0 min.	volts
Plate Dissipation	2.25 max.	watts
Screen Dissipation	0.35 max.	watt
<i>Typical Operation and Characteristics - Class A₁ Amplifier:</i>		
Plate Voltage	100	250 volts
Screen Voltage	100	100 volts
Grid Voltage	-1	-3 volts
Suppressor	Connected to cathode at socket	
Plate Res.	0.12	1.0 approx. megohm
Transcond.	1930	1850 μmhos
Grid Bias for Transcond.		
of 10 μmhos (approx.)	-35	-35 volts
Plate Cur.	12.2	9 ma.
Screen Cur.	3.1	2 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.

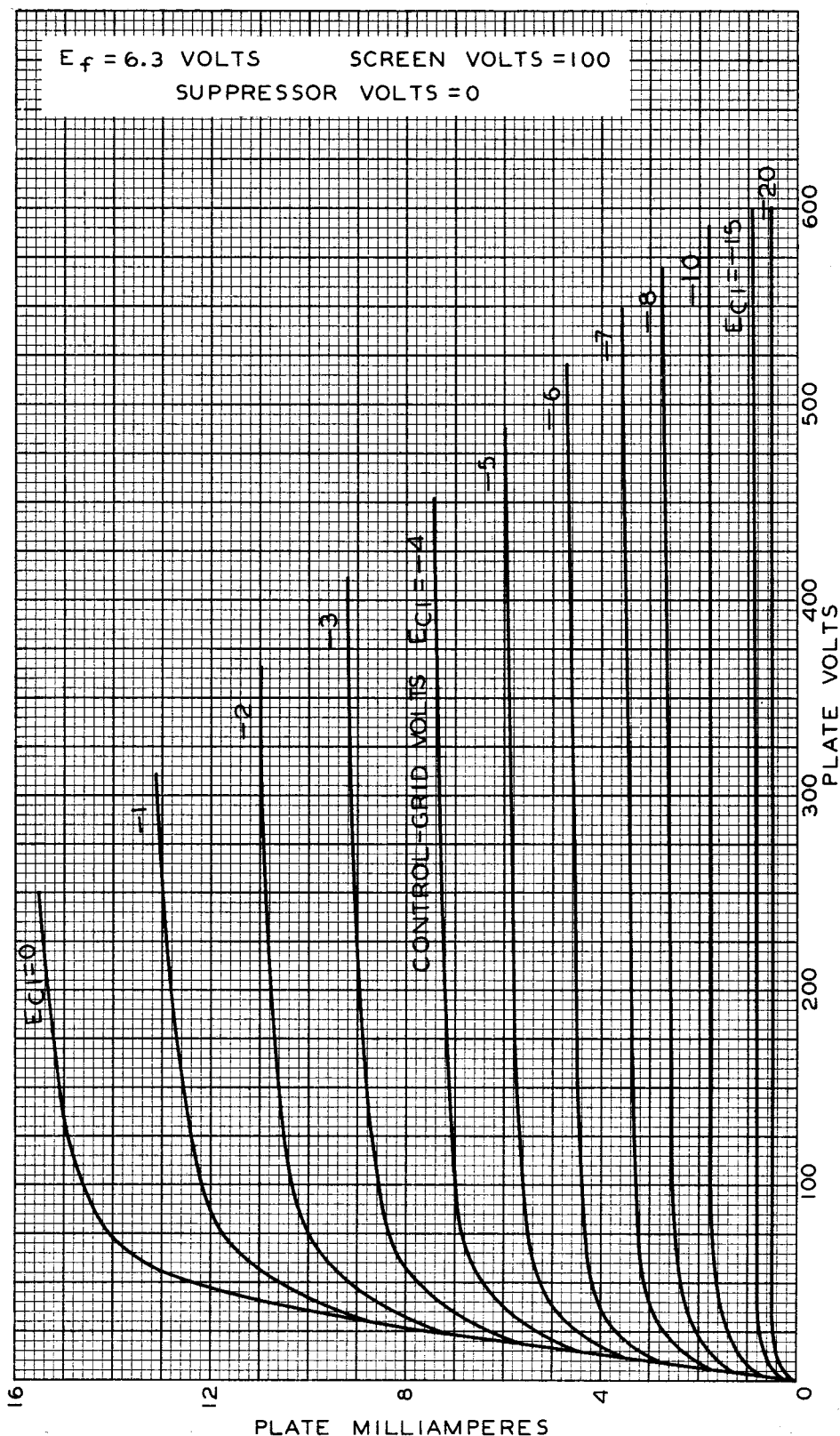
^o With shell connected to cathode.

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AVERAGE PLATE CHARACTERISTICS



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RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

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