



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:°		
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 A<sub>1</sub> 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.

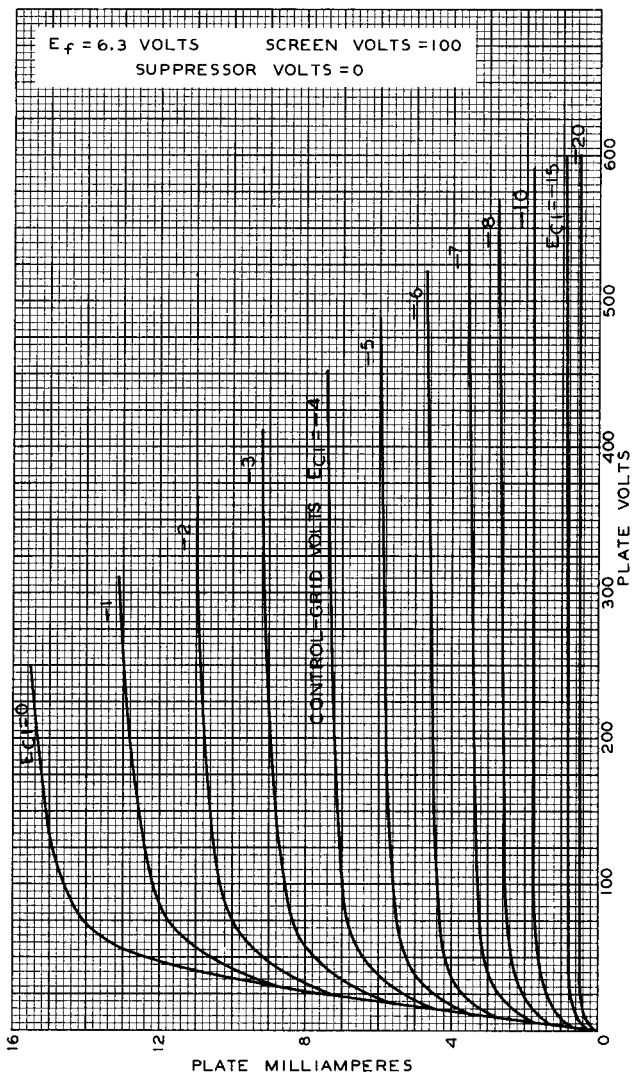
° With shell connected to cathode.

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## AVERAGE PLATE CHARACTERISTICS



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 RCA RADIOTRON DIVISION  
 RCA MANUFACTURING COMPANY, INC.

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