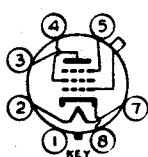


TRIPLE-GRID SUPER-CONTROL AMPLIFIER

Heater [■]	Coated Unipotential Cathode [#]	
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.
Direct Interelectrode Capacitances: ^o		
Grid to Plate	0.007 max.	0.007 max. μ f
Input	5	5 μ f
Output	9	9 μ f
Overall Length		4-5/8" to 4-7/8" ←
Seated Height		4-1/16" to 4-5/16" ←
Maximum Diameter		1-9/16"
Bulb		ST-12
Cap		Skirted Miniature
Base		Small Shell Octal 7-Pin
Pin 1 - No Connection		Pin 5 - Suppressor
Pin 2 - Heater		Pin 7 - Heater
Pin 3 - Plate		Pin 8 - Cathode
Pin 4 - Screen		Cap - Grid
Mounting Position		Any



BOTTOM VIEW (G-7R)

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	0.25 max.	watt

Typical Operation and Characteristics - Class A₁ Amplifier:

Plate	100	250	volts
Screen	100	100	volts
Grid	-3	-3	volts
Suppressor	Connected to cathode at socket		
Plate Res.	0.25	0.8 approx.	ohms
Transcond.	1500	1600	μ mhos
Grid Bias for			
Transcond. of 2 μ mhos	-50	-50	volts
Plate Cur.	8	8.2	ma.
Screen Cur.	2.2	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.

[#] The internal shield in the dome of the 6U7-G is connected to the cathode within the tube.

^o With close-fitting shield connected to cathode.

The Curve under Type 6D6 also applies to the 6U7-G.

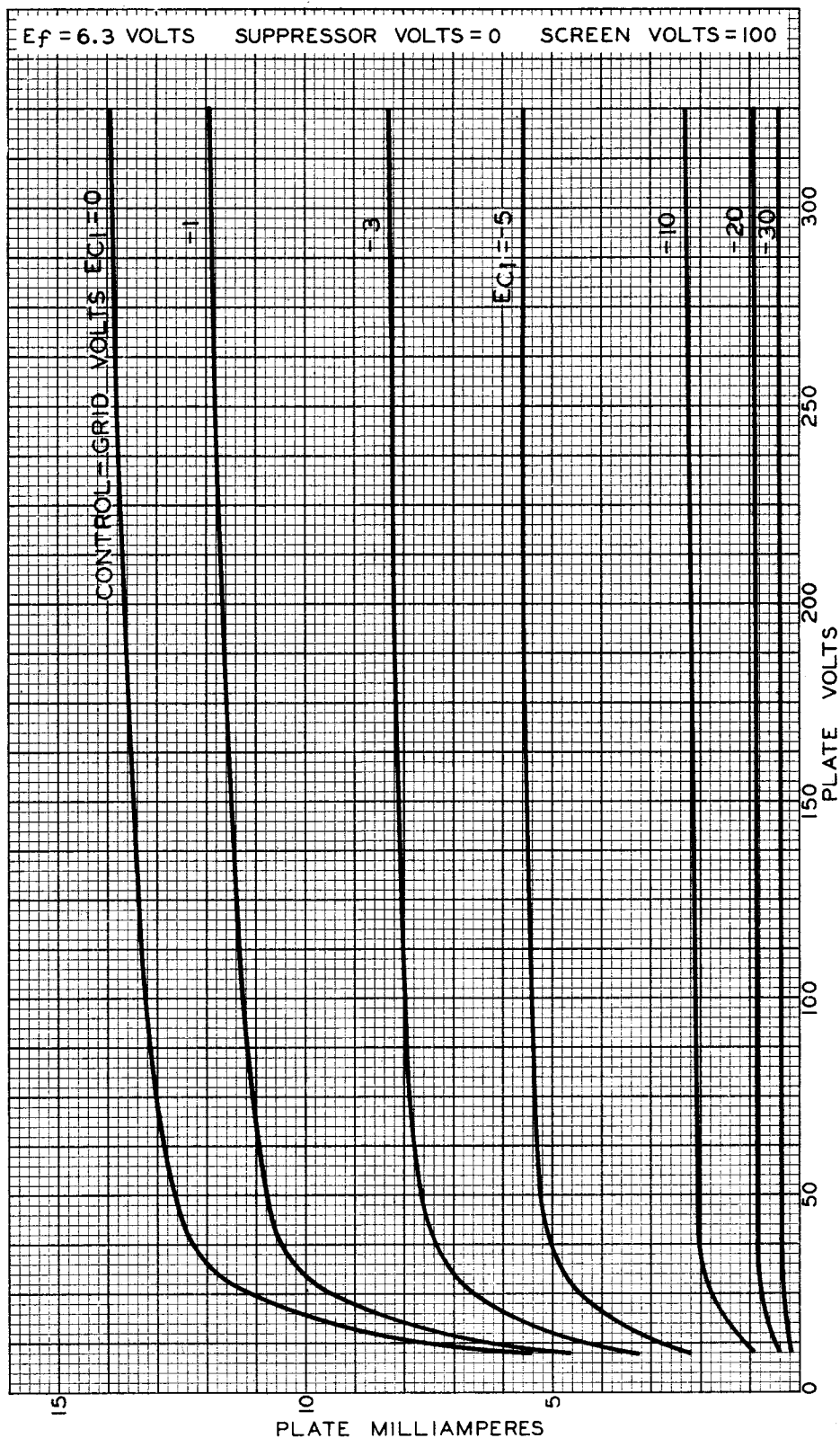
← Indicates a change.

6U7-G



6U7-G

AVERAGE PLATE CHARACTERISTICS



AUG. 20, 1941

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92C-6011RI



6U7-G

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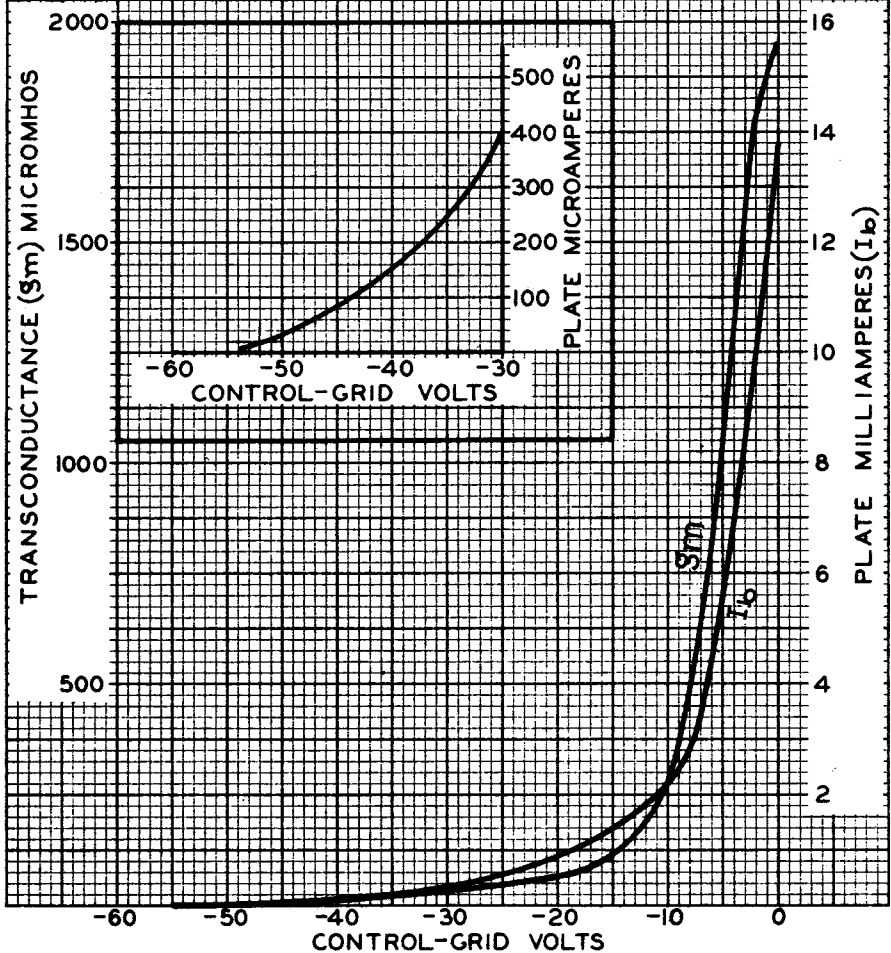
AVERAGE CHARACTERISTICS

$E_f = 2.5$ VOLTS

SUPPRESSOR VOLTS = 0

PLATE VOLTS = 250

SCREEN VOLTS = 100



JAN. 3, 1940

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6U7-G



6U7-G

AVERAGE CHARACTERISTICS

