

RCA-22

SCREEN GRID R-F AMPLIFIER

Filament	Coated	
Voltage	3.3	d-c volts
Current	0.132	amp.
Direct Interelectrode Capacitances:		
Grid to Plate (With shield-can)	0.02 max.	μ f
Input	3.5	μ f
Output	10	μ f
Overall Length	4-25/32" to 5-1/32"	
Maximum Diameter	1-13/16"	
Bulb	(2) (3)	ST-14
Cap		Small Metal
Base		Medium 4-Pin
Pin 1-Filament+	(1)	Pin 4-Filament-
Pin 2-Plate	(4)	Cap - Grid
Pin 3-Screen	BOTTOM VIEW	

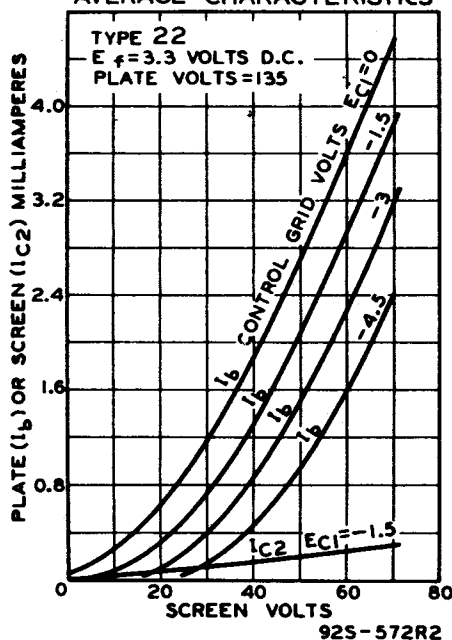
AMPLIFIER (Class A)

Operating Conditions and Characteristics:

Filament	3.3	3.3	volts
Plate	135	135	<u>max. volts</u>
Screen	45	67.5 max.	volts
Grid	-1.5	-1.5	volts
Amp. Fact.**	270	160	
Plate Res.	725000	325000	ohms
Mut. Cond.	375	500	μ mhos
Plate Cur.	1.7	3.7	ma.
Screen Cur.	0.6	1.3	<u>max. ma.</u>

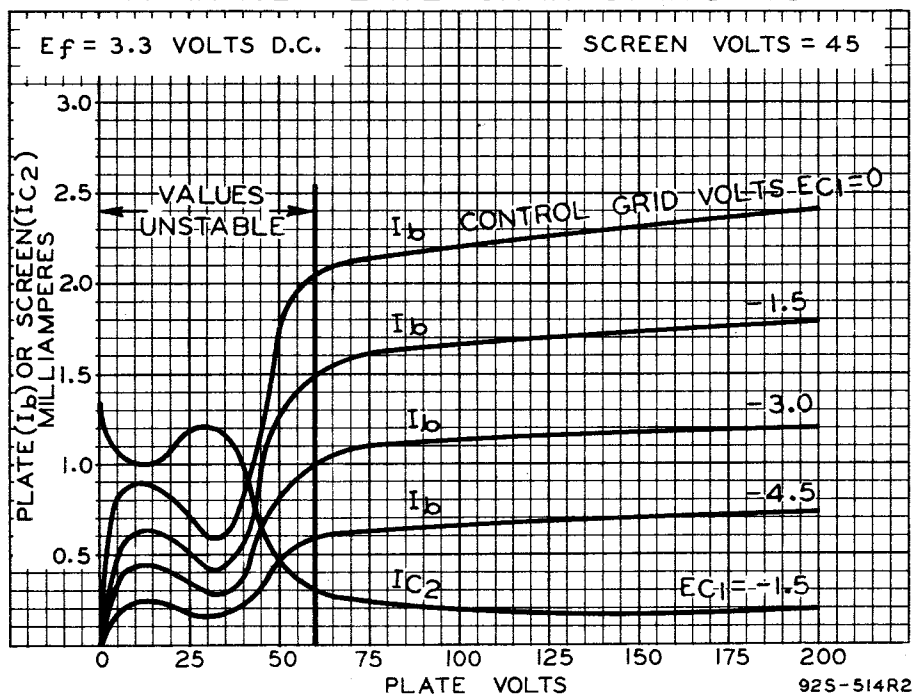
If a grid coupling resistor is used, its value should not exceed 5.0 megohm when screen volts = 45, or 1.0 megohm when screen volts = 67.5.

AVERAGE CHARACTERISTICS



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AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS

