



6SF5, 6SF5-GT HIGH-MU TRIODE

6SF5
6SF5-GT



Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.
Direct Interelectrode Cap.	6SF5 [▲]	6SF5-GT
Grid to Plate	2.4	- μuf
Grid to Cathode	4.0	- μuf
Plate to Cathode	3.6	- μuf
Maximum Overall Length	2-5/8"	3-5/16"
Maximum Seated Height	2-1/16"	2-3/4"
Maximum Diameter	1-5/16"	1-5/16"
Bulb	Metal Shell MT-8	T-9
Base	{ Small Wafer Octal 6-Pin	{ Intermed. Shell Octal 6-Pin
Basing Designation	6AB	G-6AB
Pin 1 { 6SF5, Shell 6SF5-GT, No Con.		Pin 5 - Plate
Pin 2 - Cathode		Pin 7 - Heater
Pin 3 - Grid		Pin 8 - Heater
Mounting Position		Any



BOTTOM VIEW

AMPLIFIER

Plate Voltage		300 max. volts
<i>Characteristics - Class A₁ Amplifier:</i>		
Plate	100	250 volts
Grid	-1	-2 volts
Amp. Fact.	100	100
Plate Res.	85000	66000 ohms
Transcond.	1150	1500 μmhos
Plate Cur.	0.4	0.9 ma.

Typical Operation - Resistance Coupled Amplifier:
Same as 6F5 in RESISTANCE-COUPLED AMPLIFIER CHART.

■ 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. Values are approximate.

The curve under type 6F5 also applies to the 6SF5 and 6SF5-GT.

← Indicates a change.

May 1, 1941

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

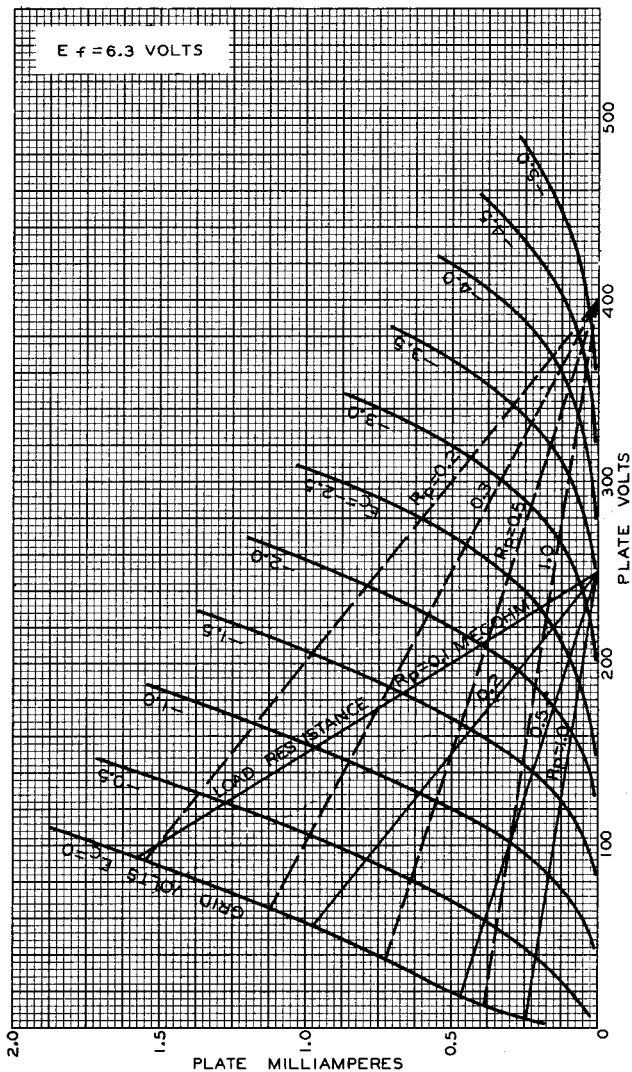
DATA

6SF5



6SF5

AVERAGE PLATE CHARACTERISTICS



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