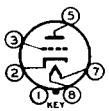
6SF5, 6SF5-GT
HIGH-MU TRIODE

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	–	μμf
Grid to Cathode	4.0	–	μμf
Plate to Cathode	3.6	–	μμf
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 ←
Characteristics - Class A_1 Amplifier:			
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.

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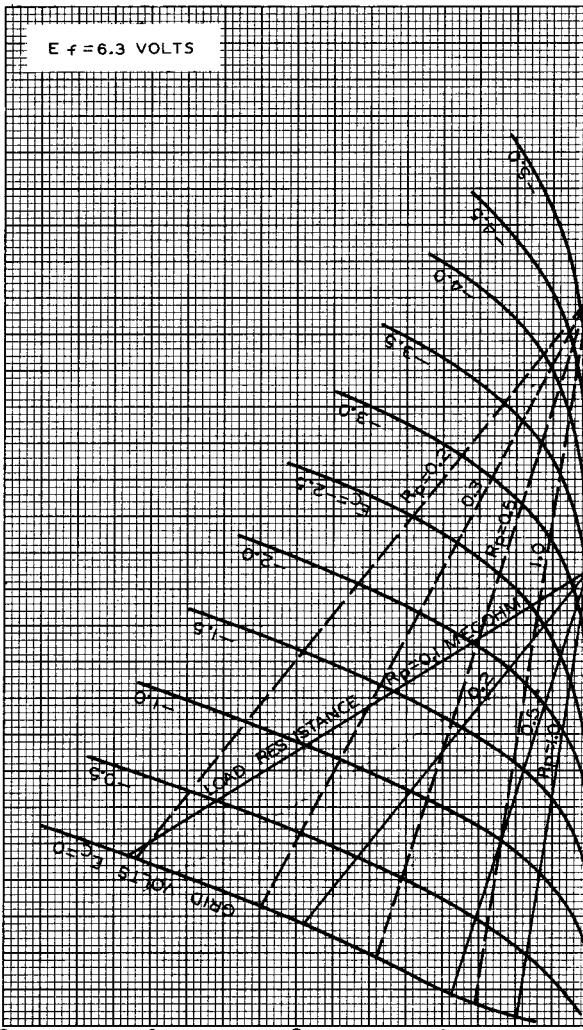
6SF5

6SF5

AVERAGE PLATE CHARACTERISTICS



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