



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.

	6SF5 ▲	6SF5-GT
Direct Interelectrode Cap.		
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"

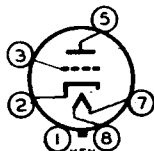
Bulb	Metal Shell MT-8	T-9
Base	{ Small Wafer Octal 6-Pin	{ Intermed. Shell Octal 6-Pin
Basing Designation	6AB	G-6AB

Pin 1 { 6SF5, Shell
6SF5-GT, No Con.
Pin 2 - Cathode
Pin 3 - Grid

Pin 5 - Plate
Pin 7 - Heater
Pin 8 - Heater

Mounting Position

Any



BOTTOM VIEW

AMPLIFIER

Plate Voltage 300 max. volts

Characteristics - Class A₁ 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.

May 1, 1941

RCA RADIONRON DIVISION
RCA MANUFACTURING COMPANY, INC.

DATA

6SF5



6SF5

AVERAGE PLATE CHARACTERISTICS

