6SF5, 6SF5-GT
HIGH-MU TRIODE

Heater: Coated Unipotential Cathode
Voltage 6.3 a-c or d-c volts
Current 0.3 amp.

Direct Inter-electrode 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
Base Small Wafer Intermed. Shell
{ Octal 6-Pin Octal 6-Pin

Basing Designation
Pin 1 6SF5, Shell
Pin 2 6SF5-GT, No Con.
Pin 3 Grid

Mounting Position

Plate Voltage 300 max. volts

Characteristics - Class A 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 6SF5-0F.

Indicates a change.
AVERAGE PLATE CHARACTERISTICS

Eₜ = 6.3 VOLTS

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RCA RADIOTRON DIVISION
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