



6C6

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SHARP-CUTOFF PENTODE

GENERAL DATA**Electrical:**

Heater, for Unipotential Cathode:

Voltage. 6.3 ac or dc volts

Current. 0.3 amp

Direct Interelectrode Capacitances:

Pentode Connection:

Grid No.1 to Plate⁰. 0.007 max. μf Input⁰⁰. 5 μf Output⁰⁰. 6.5 μf Triode Connection^{*00}:Grid No.1 to Plate 2 μf Grid No.1 to Cathode 3 μf Plate to Cathode 10.5 μf ⁰ With external shield connected to cathode.⁰⁰ With no external shield.^{*} With grid No.2 and grid No.3 connected to plate.**Mechanical:**

Mounting Position. Any

Maximum Overall Length 4-15/16"

Seated Length. 4-3/16" $\pm$ 1/8"

Maximum Diameter 1-9/16"

Bulb ST-12

Cap. Small

Base Small-Shell Small 6-Pin

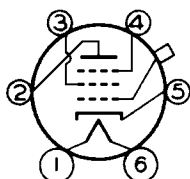
Basing Designation for BOTTOM VIEW 6F

Pin 1- Heater

Pin 2- Plate

Pin 3- Grid No.2

Pin 4- Grid No.3

Pin 5- Cathode,
Internal
ShieldPin 6- Heater
Cap - Grid No.1*Maximum Ratings, Characteristics, and Typical Operating Conditions are the same as for Type 6J7.**Curves for Type 6C6 are the same as those for Type 6J7.**For additional data, see RESISTANCE-COUPLED AMPLIFIER CHARTS at the front of this Section.*