



6C6

SHARP-CUTOFF PENTODE

6C6

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 Plate ^o .	0.007 max.	μf
Input ^{oo} .	5	μf
Output ^{oo} .	6.5	μf

Triode Connection*^{oo}:

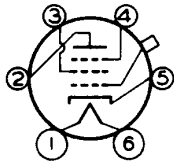
Grid No.1 to Plate .	2	μf
Grid No.1 to Cathode	3	μf
Plate to Cathode . .	10.5	μf

- ^o With external shield connected to cathode.
- ^{oo} 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
Shield
- Pin 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.