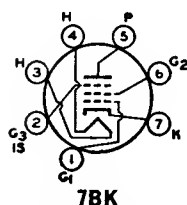


Refer to type 6GB5/EL500.

18GB5



SHARP-CUTOFF PENTODE 18GD6A

Miniature type used in the if, rf, and converter stages of ac/dc AM radio receivers. Outlines section, 5C; requires miniature 7-contact socket.

Heater Voltage (ac/dc)	18	volts
Heater Current	0.1	ampere
Heater Warm-up Time (Average)	20	seconds
Peak Heater-Cathode Voltage	±100 max	volts
Direct Interelectrode Capacitances:*		
Grid No.1 to Plate	0.0035	pF
Grid No.1 to Cathode, Heater, Grid No.2, Grid No.3, and Internal Shield	6	pF
Plate to Cathode, Heater, Grid No.2, Grid No.3 and Internal Shield	5	pF

* Values are same without external shield, or with external shield connected to cathode.

Class A₁ Amplifier

CHARACTERISTICS

Plate Supply Voltage	100	volts
Grid No.3 (Suppressor Grid)	Connected to cathode at socket	
Grid-No.2 (Screen-Grid) Voltage	100	volts
Cathode-Bias Resistor	150	ohms
Plate Resistance (Approx.)	0.5	megohm
Transconductance	4300	μmhos
Plate Current	5	mA
Grid-No.2 Current	2	mA
Grid-No.1 Voltage (Approx.) for plate current of 10 μA	—4.7	volts

RF Amplifier and Converter

MAXIMUM RATINGS (Design-Maximum Values)

Plate Voltage	150	volts
Grid-No.2 Supply Voltage	150	volts
Grid-No.2 Voltage	See curve page 98	
Plate Dissipation	2.5	watts
Grid-No.2 Input:		
For grid-No.2 voltages up to 75 volts	0.6	watt
For grid-No.2 voltages between 75 and 150 volts	See curve page 98	

Refer to chart at end of section.

19

Refer to chart at end of section.

19AU4

Refer to chart at end of section.

19AU4GTA

Refer to chart at end of section.

19BG6G
19BG6GA

Refer to type 6CG3.

19CG3

Refer to type 6CL8A.

19CL8A

Refer to type 6EA8.

19EA8

Refer to type 6EZ8.

19EZ8

Refer to type 6GQ7.

19GQ7

Refer to type 6HR6.

19HR6

Refer to chart at end of section.

19HS6