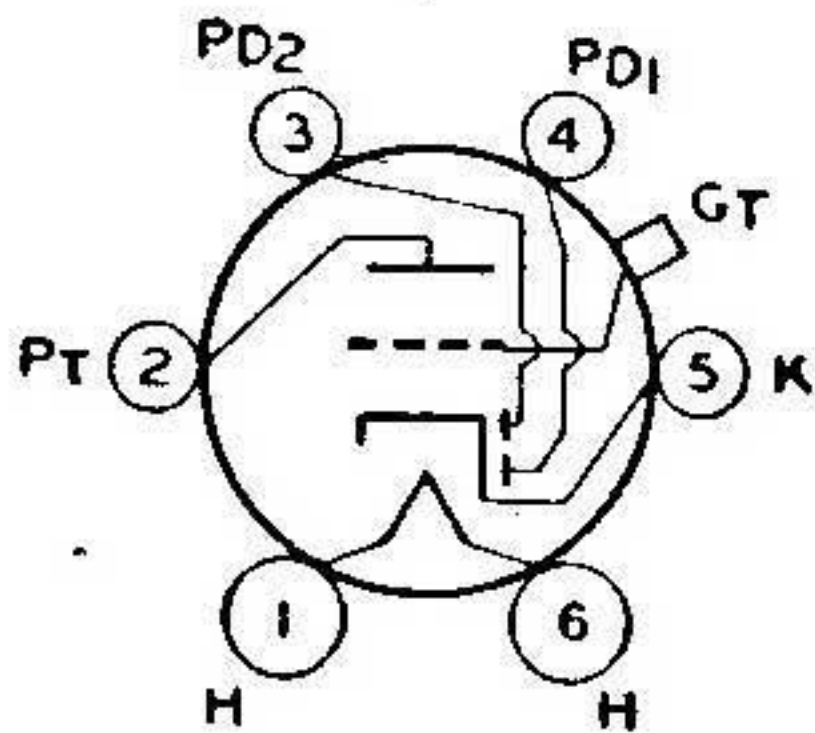


POWER PENTODE

Glass type used in output stage of ac-operated receivers. Outline 29, OUTLINES SECTION. Tube requires six-contact socket. Except for its heater rating (2.5 volts ac/dc; 1.75 amperes), the 2A5 has electrical characteristics identical with type 6F6. This type is used principally for renewal purposes.

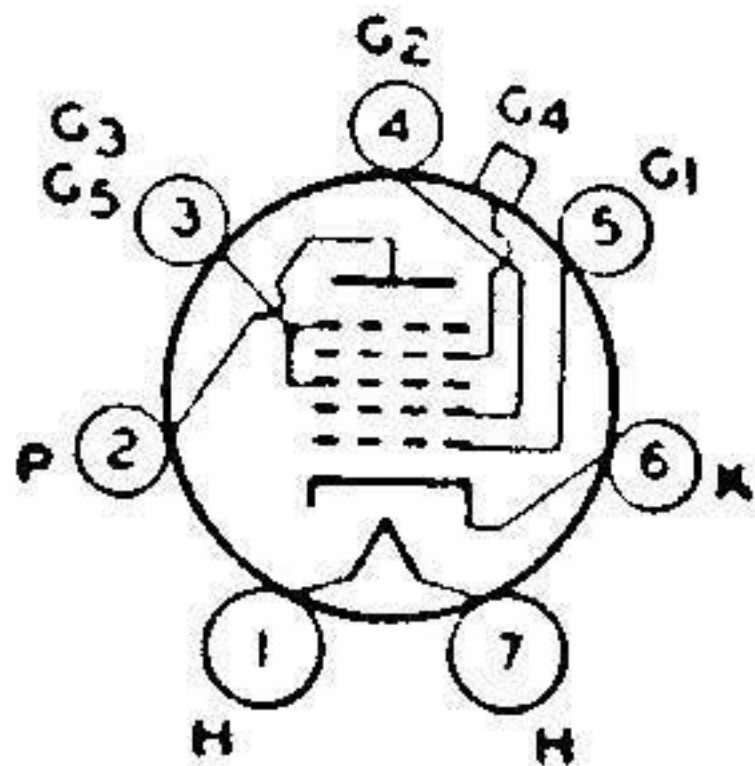
2A5



TWIN DIODE—HIGH-MU TRIODE

Glass type used in ac-operated receivers chiefly as a combined detector, amplifier, and avc tube. Outline 27, OUTLINES SECTION. Tube requires six-contact socket. Except for its heater rating (2.5 volts ac/dc; 0.8 ampere), and within its 250-volt maximum plate rating, the 2A6 has electrical characteristics identical with type 6SQ7. This type is used principally for renewal purposes.

2A6

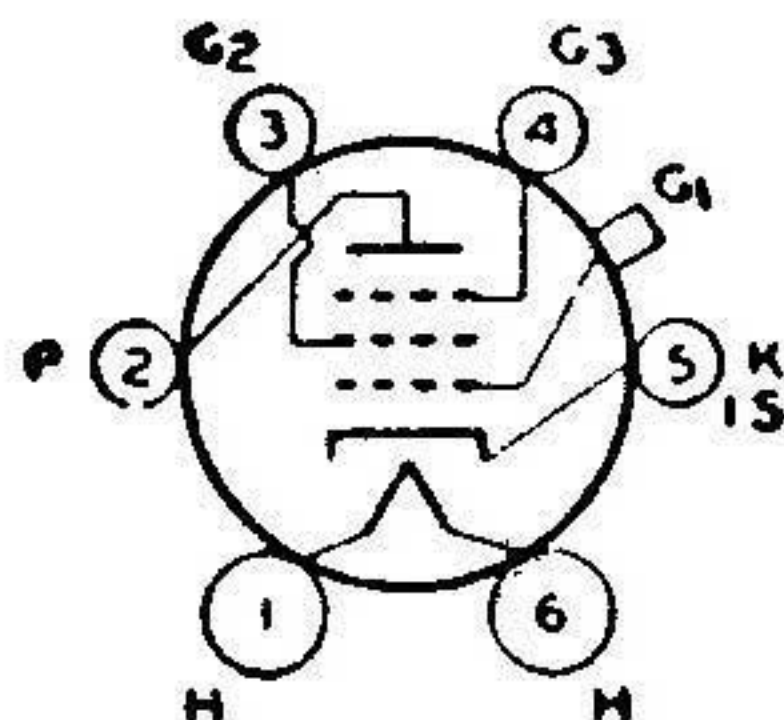


PENTAGRID CONVERTER

Glass type used in ac-operated receivers. Outline 27, OUTLINES SECTION. Tube requires small seven-contact (0.75-inch, pin-circle diameter) socket. Except for its heater rating (2.5 volts ac/dc; 0.8 ampere) and its interelectrode capacitances, the 2A7 has electrical characteristics identical with type 6A8. Complete shielding of this tube is generally necessary. This type is used principally for renewal purposes.

2A7

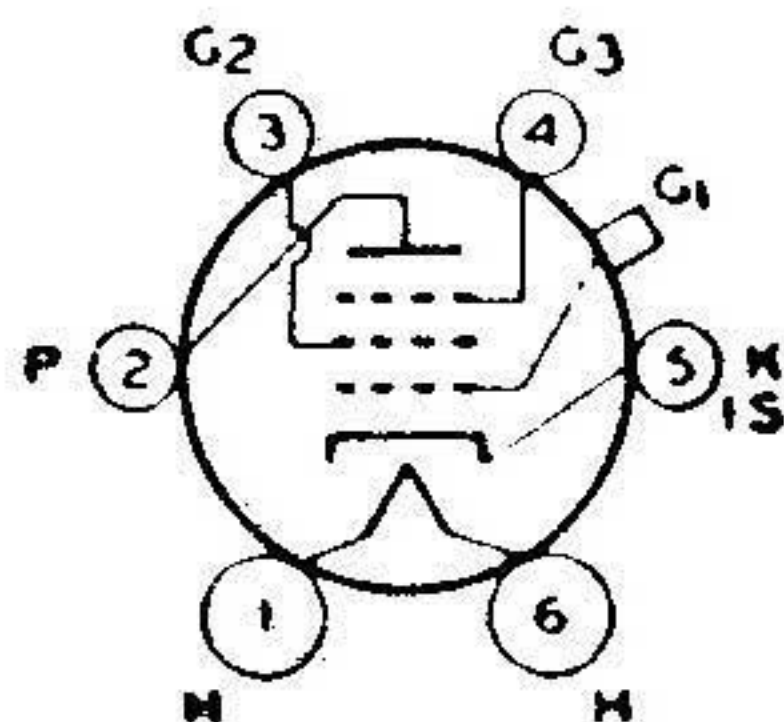
RCA RECEIVING TUBE MANUAL



SHARP-CUTOFF PENTODE

Glass type used as biased detector in ac-operated receivers. Outline 31, OUTLINES SECTION. Tube requires six-contact socket. **Heater volts (ac/dc), 2.5; amperes, 1.0.** Except for heater rating and capacitances, this type is electrically identical with metal type 6J7. Type 57 is used principally for renewal purposes.

57

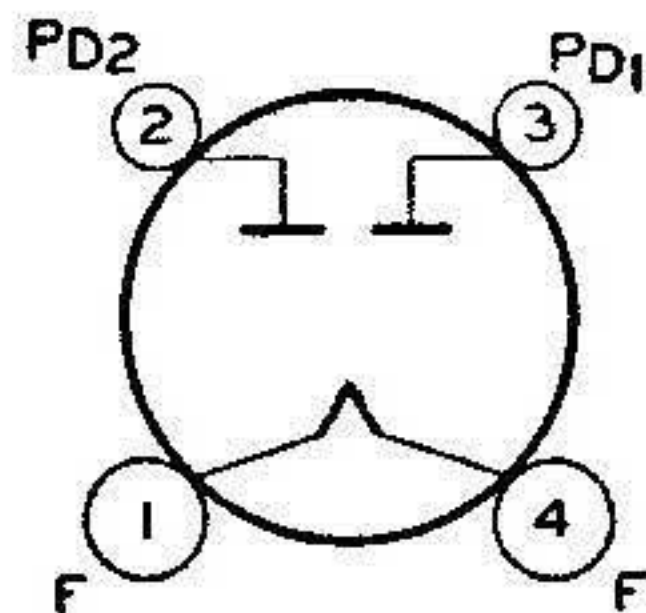


REMOTE-CUTOFF PENTODE

Glass type used in rf and if stages of radio receivers employing AVC and as a mixer in super-heterodyne circuits. Outline 31, OUTLINES SECTION. Tube requires six-contact socket. **Heater volts (ac/dc), 2.5; amperes, 1.0.** Except for heater ratings, this type is electrically identical with glass-octal type 6U7-G. Type 58 is used principally for renewal purposes.

58

FULL-WAVE VACUUM RECTIFIER



80

Glass type used in power supply of radio equipment having moderate direct-current requirements. Outline 29, OUTLINES SECTION. Tube requires four-contact socket and should

be mounted preferably in a vertical position. Horizontal mounting is permissible if pins 1 and 4 are in a horizontal plane. **Filament volts (ac), 5.0; amperes, 2.0.** For filament operation, refer to type 5U4-G. Type 80 is electrically identical with glass-octal type 5Y3-GT.

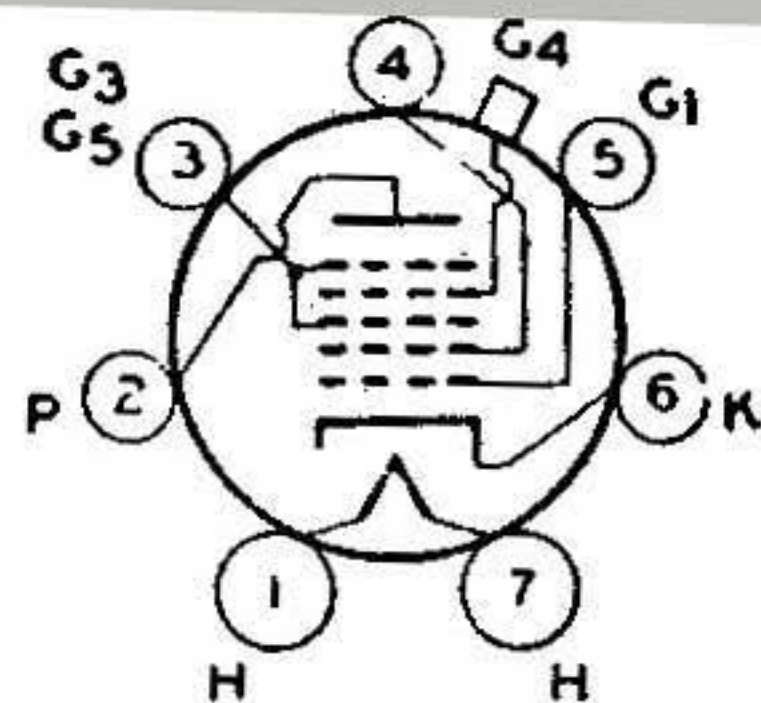
PENTAGRID CONVERTER

6A7

6A7S

filamento 6,3 volt/ 0,3 amp.

Glass types used in superheterodyne circuits. Outline 27, **OUTLINES SECTION**. These types require the small seven-contact (0.75-inch, pin-circle diameter) socket. Except for interelectrode capacitances, the 6A7 is identical electrically with type 6A8. Type 6A7S, now **DISCONTINUED**, has an external shield **con-** nected to cathode. In general, its electrical characteristics are similar to those of the 6A7, but



G3
G5

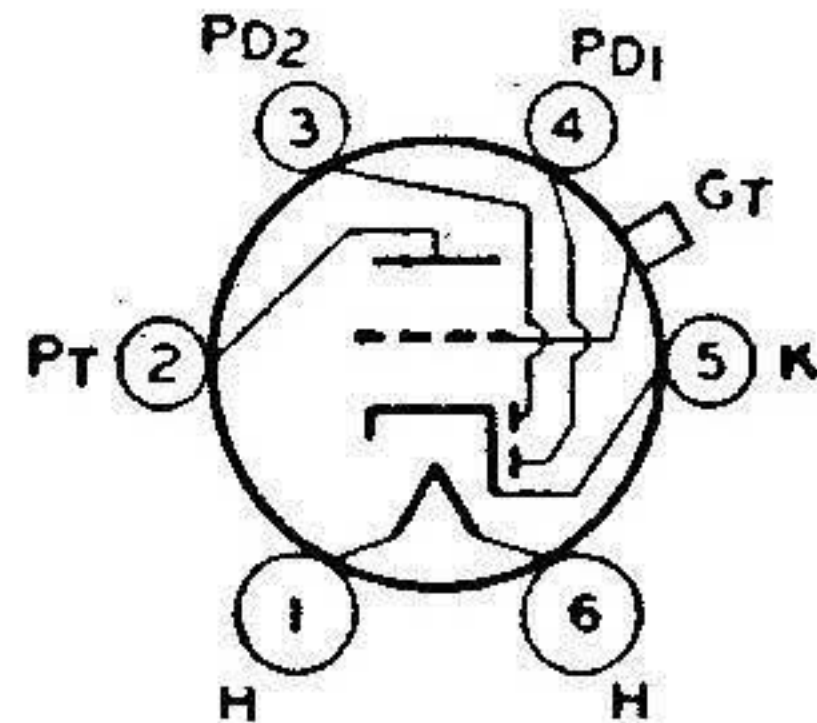
G1

the two types are usually not directly interchangeable. Type 6A7 is used principally for renewal purposes.

75

TWIN DIODE—HIGH-MU TRIODE

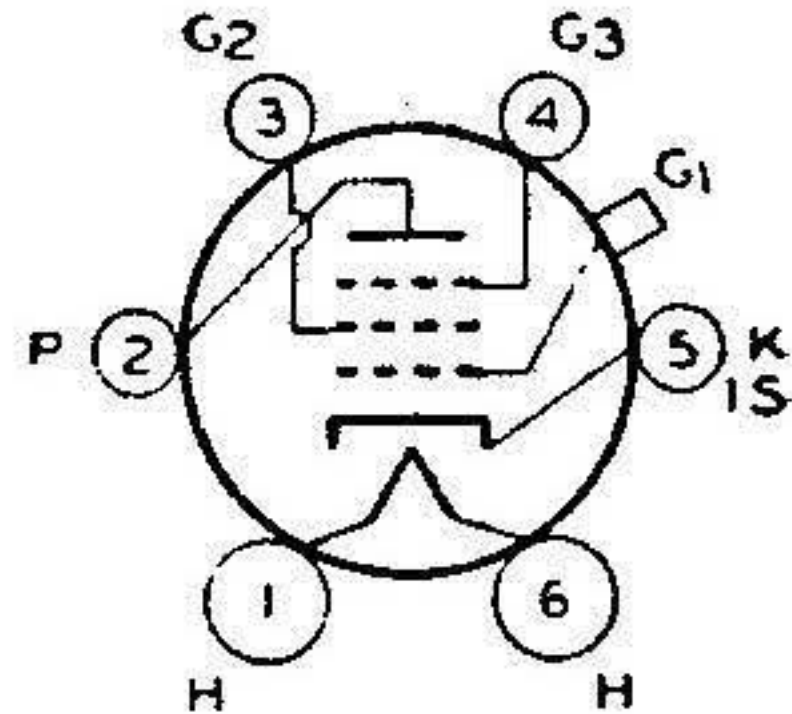
Glass type used as combined detector, amplifier, and avc tube in radio receivers. Outline 27, OUTLINES SECTION. Tube requires six-contact socket. **Heater volts (ac/dc), 6.3; amperes, 0.3.** Except for interelectrode capacitances and plate volts of 250 *max*, this type is identical electrically with metal type 6SQ7. Type 75 is used principally for renewal purposes.

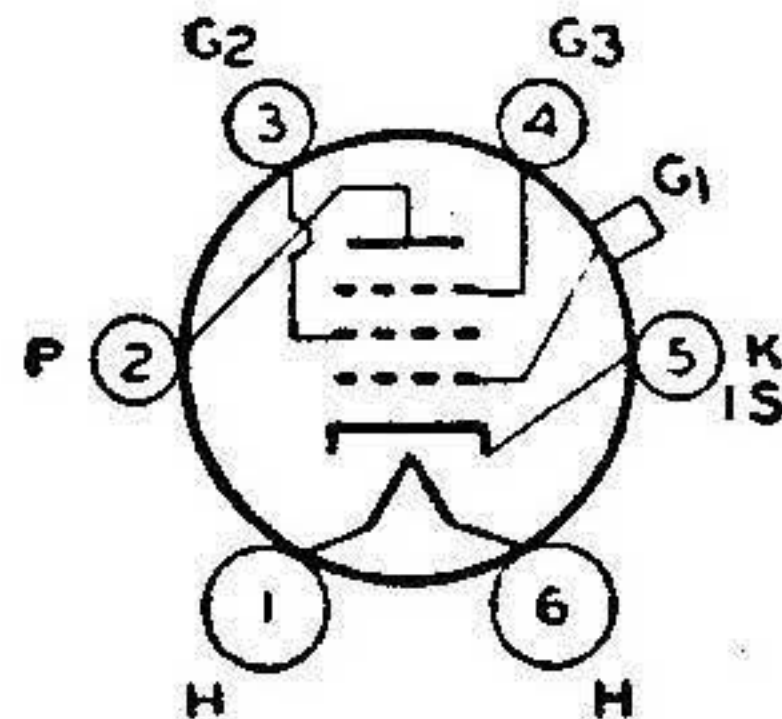


78

REMOTE-CUTOFF PENTODE

Glass type used in rf and if stages of radio receivers, particularly those employing avc. Outline 27, OUTLINES SECTION. Tube requires six-contact socket. **Heater volts (ac/dc), 6.3; amperes, 0.3.** Except for capacitances, this type is identical electrically with metal type 6K7. Type 78 is used principally for renewal purposes.





REMOTE-CUTOFF PENTODE

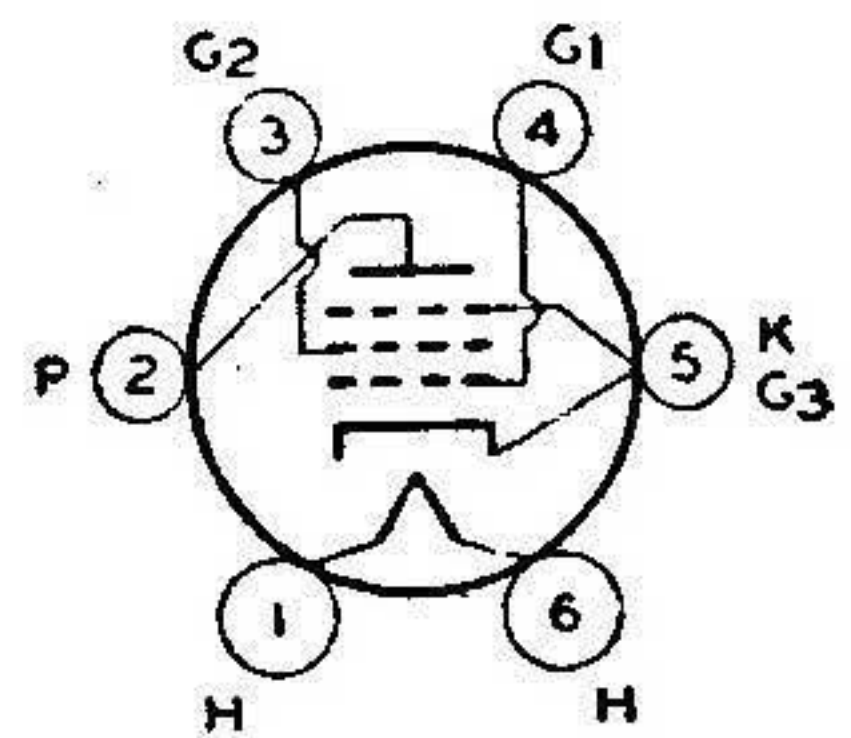
Glass type used in rf and if stages of radio receivers employing avc. Outline 31, OUTLINES SECTION. Tube requires six-contact socket. Except for interelectrode capacitances, this type is identical electrically with type 6U7-G. Refer to type 6SK7 for general application information. **Heater volts (ac/dc), 6.3; amperes, 0.3.** This type is used principally for renewal purposes.

6D6

41

POWER PENTODE

Glass type used in output stage of radio receivers. Outline 25, OUTLINES SECTION. Tube requires six-contact socket. Heater volts (ac/dc), 6.3; amperes, 0.4. This type is electrically identical with type 6K6-GT.



42

POWER PENTODE

Glass type used in audio output stage of avc receivers. Outline 29, OUTLINES SECTION. Tube requires six-contact socket. Heater volts (ac/dc), 6.3; amperes, 0.7. This type is electrically identical with type 6F6.

