

**5EA8**

## Medium-Mu Triode— Sharp-Cutoff Pentode

### 9-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

*The 5EA8 is the same as the 6EA8 except for the following items:*

Heater Characteristics and Ratings (*Design-Maximum Values*):

|                                                           |               |       |
|-----------------------------------------------------------|---------------|-------|
| Current . . . . .                                         | 0.600 ± 0.040 | amp   |
| Voltage (AC or DC) at heater<br>amperes = 0.600 . . . . . | 4.7           | volts |

**5EU8**

## Medium-Mu Triode— Sharp-Cutoff Pentode

### 9-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

*The 5EU8 is the same as the 6EU8 except for the following items:*

Heater Characteristics and Ratings (*Design-Center Values*):

|                                                           |               |       |
|-----------------------------------------------------------|---------------|-------|
| Current . . . . .                                         | 0.600 ± 0.040 | amp   |
| Voltage (AC or DC) at heater<br>amperes = 0.600 . . . . . | 4.7           | volts |
| Cathode Warm-Up Time <sup>a</sup> . . . . .               | 35            | sec   |

**5EW6**

## Sharp-Cutoff Pentode

### 7-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

*The 5EW6 is the same as the 6EW6 except for the following items:*

Heater Characteristics and Ratings (*Design-Maximum Values*):

|                                                           |               |       |
|-----------------------------------------------------------|---------------|-------|
| Current . . . . .                                         | 0.450 ± 0.030 | amp   |
| Voltage (AC or DC) at heater<br>amperes = 0.450 . . . . . | 5.6           | volts |
| Warm-up time (Average). . . . .                           | 11            | sec   |

<sup>a</sup> The time required for the transconductance to reach 6500  $\mu$ mhos when the tube is operated from a cold start with dc plate volts = 100, grid volts = 0, and heater amperes = 0.560.

