Diode—Sharp-Cutoff Pentode

9-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 5AS8 is the same as the 6AS8 except for the following items:

Heater, for Unipotential Cathodes:
Voltage (AC or DC) .................. 4.7 volts
Current ........................... 0.6 ± 6% amp
Warm-up time (Average) ............ 11 sec

5AT8

Medium-Mu Triode—Sharp-Cutoff Pentode

9-PIN MINIATURE TYPE
With Heater Having Controlled Warm-Up Time

The 5AT8 is the same as the 6AT8A except for the following items:

Heater, for Unipotential Cathode:
Voltage (AC or DC) .................. 4.7 volts
Current ........................... 0.6 ± 6% amp
Warm-up time (Average) ............ 11 sec
### 5AS8

**DIODE-SHARP-CUTOFF PENTODE**

9-PIN MINIATURE TYPE

Intended for use in equipment having series heater-string arrangement

| The 5AS8 is the same as the 6AS8 except for the following items: |
| --- | --- |
| **Heater, for Unipotential Cathodes:** |  |
| Voltage | 4.7 ac or dc volts |
| Current | 0.6 amp |
| Warm-up time (Average)* | 11 sec |

### 5AT8

**TRIODE-PENTODE CONVERTER**

9-PIN MINIATURE TYPE

Intended for use in equipment having series heater-string arrangement

| The 5AT8 is the same as the 6AT8 except for the following items: |
| --- | --- |
| **Heater, for Unipotential Cathode:** |  |
| Voltage | 4.7 ac or dc volts |
| Current | 0.6 amp |
| Warm-up time (Average)* | 11 sec |

**PEAK HEATER-CATHODE VOLTAGE:**

- Heater negative with respect to cathode: 200 max. volts
- Heater positive with respect to cathode: 200* max. volts

* For definition of heater warm-up time and method of determining it, see sheet HEATER WARM-UP TIME MEASUREMENT at front of this Section.

* The dc component must not exceed 100 volts.
5AV8

MEDIUM-MU TRIODE - SHARP-CUTOFF PENTODE

9-PIN MINIATURE TYPE

Intended for use in equipment having series heater-string arrangement

The 5AV8 is the same as the 6AN8 except for the following items:

Heater, for Unipotential Cathodes:
Voltage ............. 4.7 ........ ac or dc volts
Current ............. 0.6 ............... amp
Warm-up time (Average) .... 11 .............. sec

For definition of heater warm-up time and method of determining it, see sheet HEATER WARM-UP TIME MEASUREMENT at front of this Section.

Base. ................. Small-Button Noval 9-Pin (JETEC No.E9-1)
Basing Designation for BOTTOM VIEW .......... 9DZ

Pin 1 - Triode
Cathode
Pin 2 - Triode
Grid
Pin 3 - Triode Plate
Pin 4 - Heater
Pin 5 - Heater
Pin 6 - Pentode
Grid No.1

Pin 7 - Pentode
Cathode,
Pin 8 - Pentode
Grid No.3,
Pin 9 - Pentode Plate
Internal
Shield
Grid No.2