

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	$0.6 \pm 6\%$	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	$0.6 \pm 6\%$	amp
Warm-up time (Average)	11	sec



**5AS8****5AS8
5AT8****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,

Pentode

Grid No.3,

Internal

Shield

Pin 8 – Pentode

Grid No.2

Pin 9 – Pentode Plate